

Collector & Emitter

Central Oklahoma Radio
Amateurs, Inc. Publication

October 2000
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Issue 308
75¢

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Collector & Emitter**Harold C. Miller, KB1ZQ****Editor****Linda G. Miller, N1LPN****Circulation Manager****Central Oklahoma Radio
Amateurs, Inc.****President: Tom Miller, KD5ENL****V Pres.: Jerry Sproul, WA5JS****Secretary: Forrest Rush, N5VWF****Treasurer: Harold Miller, KB1ZQ****Web Page -**www.geocities.com/heartland/7332

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PLEASE help us keep your information up to date. What time, where, when, who are your officers, editors, and their phone numbers. Check your entry, it can be changed. If there appears to be a mistake, check with your club officials. We can't do a thing about it if you don't let us know. Below is a sample label:

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RADIOVILLE, OK 74321-9876

The "2000/12" means the year/month C&E subscription expires.

Dear Secretary / Treasurer:

When you want a change of any sort to your membership, you must completely fill out a subscription slip. Watch for the date you received their funds and the date the subscription expires. Have your slips, or list of deletions submitted by the Deadline of each month. If there is anything about C&E subscriptions you need to know, please contact us.

October 2000**VOL. 26, No 10 Issue 308****Collector and Emitter
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1. Aeronautical Center ARC Meets: 7:30 p.m., 1st Thursday, FAA, S. MacArthur, OKC Pres.: Bob Kremer, WA9FCT 381-3182 VP: Chuck Bryant, KB5ZVZ 737-0423 Sec/Tr.: Brad Nelson, KJ0W 793-9470 Editor:	10. Oklahoma DX Association Meets: Hamfests and as announced in C&E. Pres.: Larry Shima, W0PAN 405-721-8138 VP: Lu Fisher, K5YP 580-254-5641 VP: Sec./Tr.: Jerry Chouninard, K5YAA 918-341-2659 Editor: Nelson Derks, AC5UP 918-451-1594
2. Oklahoma Central VHF ARC Meets: 11:30a.m., 2nd Wednesday, Home Town Buffet, 3900 NW 63 rd , Oklahoma City Pres.: Bill Noland, WA5FWD 354-5018 VP: Sec: John Dome, KB5WVE 842-3493 Treas.: Jim Speck, W5AI 842-3055 Editor:	11. Edmond Amateur Radio Society Meets: 2:00 p.m., 3rd Sunday, Edmond Community Building 28 E Main, Edmond OK Pres.: Curtis Foote, KC5GEP 359-6514 VP: David Wolf, KC5KJE 340-7486 Sec: Robert Coxey, KM5GZ 478-5715 Treas.: Gary Carson, KD5CPL 751-0006 Editor: Curtis Foote, KC5GEP 359-6514 http://edmondsun.com/ears
4. Oklahoma City Autopatch Assn. Meets: 7:30 p.m., 3rd Tuesday, Salvation Army Bldg NW 50 th and Penn, OKC (Back Door) Pres.: Mark Hamblin, WL7FT VP: Ron McCubbin, KC5QCV 341-0591 Sec: Clay Mayrose, WA6LBU Treas.: Mark Watkins, NM5W 340-8596 E-mail: ocapa@juno.com	
6. Altus Area Amateur Radio Assn. Meets: 7:00 p.m. 2nd Thursday, Southwest Area Vo- Tech Center, 711 W Tamarack Altus, OK Pres.: Dale Town, N5VX 580-477-4027 VP: Mike Schenkel, W5VXU 580-846-5578 Sec: Ron Roman, KD5CYW 580-482-8446 Treas.: Fred Cramer, KC5SRJ Editor: Ron Roman, KD5CYW 580-482-8446	15. South Canadian ARS Meets: 9:30 a.m., 2nd Saturday, Red Cross Bldg North OU Campus, Norman Pres.: Tom Miller, KD5ENL 321-7889 VP: Ed Berkowitz, N3US 364-8884 Sec: Bill Baker, N5UMH 366-8641 Tr: Jeff Wyke, KT5OK 329-6762 http://www.telepath.com/n5dkr
7. Enid Amateur Radio Club Meets: 7:00 p.m. 4th Thursday, American Red Cross 400 N Grand, Enid, OK Pres.: John Turner, KA7GLA 580-242-6802 VP: Al Fox, KD5BA 580-242-4800 Sec: Dave Chael, KC5GUD 580-242-3445 Treas.: Dwayne Posey, KC5QVS 580-237-3218 Editor: Dick Stricker, NJ5S 580-233-9869	17. Ada Amateur Radio Club Meets: 9:00 a.m., 1st Saturday, Salvation Army Bldg 115 N. Oak St., Ada, OK Pres.: Steve Wilson, KD5DKZ 580-332-1473 VP: Charles Eiter, KC5TGA 580-436-4425 Sec: Darla Coffey, KC5RGU 580-436-1271 Tr: Marie Wilson, KD5EXM 580-332-1473
8. Choctaw Amateur Radio Club Meets: 7:00 p.m., 3rd Monday, Eastern Oklahoma Co. Vo Tech, 4601 N. Choctaw Rd, Choctaw, OK Pres.: Dave Downing, WD5G 736-6377 VP: Don McDown, N5ENQ 732-6749 Sec: Tim Harper, KC5DSW 391-3096 Treas.: Ron Ernest, WB9DAF 769-3207 Editor:	19. Tri-State Amateur Radio Group Meets: 7:30 p.m., 2nd Thursday, Woodward, OK Pres.: James Hand, NW5OK 580-994-6118 VP: Larry Goodwin Sr. K5LHG 580-886-3283 Sec/Tr: Gerald Bowman, W5AOK 580-994-5600 E-mail: w5okt@arrl.net
9. Wheatstraw Amateur Radio Club Meets: 2:30 p.m., 2 nd Sunday, Location Varies Pres.: Neal Kappus, N5KCO 405-262-1151 VP: Ray Barnes, AB5Z 580-274-3334 Sec/Tr.: Joe Garland, WA5FLT 405-893-2660 Editor: Ralph Wilder, Wa5PFK 405-623-5421	Central Oklahoma Radio Amateurs Meets: 7:30p.m., 4th Tuesday, Salvation Army Bldg NW 50 th and Penn, OKC (BackDoor) Pres.: Tom Miller, KD5ENL 321-7889 VP: Jerry Sproul, WA5JS 354-2061 Sec: Forrest Rush, N5VWF 842-8486 Treas.: Harold Miller, KB1ZQ 672-7735 Editor: Harold Miller, KB1ZQ 672-7735 E-mail: corahams@swbell.net

Deadline for November 2000 Issue of Collector and Emitter is Friday, October 27, 2000. Send all Articles to Collector and Emitter, 4216 Spiva Drive Del City, OK 73115-4424 on 3 ½ inch floppy or e-mail to corahams@swbell.net. Articles received after the deadline may not be printed that month. Questions please do not hesitate to call - 405-672-7735 / 405-650-9963.

Central Oklahoma Radio Amateurs, Inc.

Minutes of the CORA Meeting for
September 26, 2000

The meeting was opened by Hal Miller, KB1ZQ, President of CORA. There were nine directors present Representing five Clubs (OCAPA, VHF, EARS, OKDXA, and SCARS).

The secretary's minutes were approved as printed in the C&E.

Elections.

Due to job pressures, Hal Miller is unable to continue as President. **The new President of CORA is Tom Miller, KD5ENL.**

Due to job pressures, Tom Webb is unable to continue as Vice-President. **The new Vice-President is Jerry Sproul, WA5JS.**

Due to job pressure and family problems, Perry Jenkins is unable to continue as Treasurer. **The new Treasurer is Hal Miller, KB1ZQ.**

Forrest, N5VWF is able to continue as secretary.

Recognition was given to Hal Miller, KB1ZQ, for his leadership during the past five years. During his Tenure he re-built Ham Holiday into the respected hamfest that it is today.

Not that many amateurs know it, but he took over the presidency after a bruising political battle that almost destroyed CORA. He is the man who saved Ham Holiday.

He is continuing as Editor of the C&E, for which all OKC amateurs can be thankful.

As Secretary of CORA, I would like to see more participation in CORA. The OKC metro area clubs, ACARC, VHF, OCAPA, EARS, Choctaw, and SCARS need to be

there. Each member club of CORA should send 3 elected directors.

Meetings are held on the fourth Tuesday of every month as 7:30PM at Salvation Army HQ's on NW 50 and N. Penn. The business of CORA is the planning of Ham Holiday in July.

I would like to see everyone at the next meeting.

After elections, the meeting adjourned.

Contest Season is upon us, Are you ready?

Well it's fall and the start of the contest season is upon us. Time to blow the dust off the HF rig and make sure the antennas are ready to go. There are many different types of contests out there for all those interested. Linda and I work only a few, usually the big ones. I did work the Air Force QSO party single this year. Had a good time at it to.

What I've been looking at is keeping track of my contacts, I have looked around for a logging program that will meet my needs. As I get older and have more contacts I need a program that will make it easier to track DXCC, IOTA, and other awards. In order to track DX one with an interface to the DX Cluster is a must.

In comes Logger, Tom, WA9AFM, introduced me to this program about a year ago. I have since toyed around with it and am by no means an expert but have become fairly proficient with it. It does most all of what a person wants in a logging program, and best of all its free.

Logger is available at the following web site:

www.geocities.com/kc4elo/

Logger is a fairly large file approximately 2MB in zipped format. It extracts well using Winzip and has a setup program to install with.

Logger is windows based and starts with five primary windows, first is the logging window, where you enter all the pertinent information for the contact. Upon entering a call in the CALLSIGN field up pops the information on the Country, both short path and long path azimuths, distance, Zone, Sunrise and Sunset for the area you

are in QSO with. Of course you have fields for RST both sent and received, Comments, IOTA, COUNTY and WAS.

Next is the log window, this display shows the last 10 contacts, easily scrolled up or down. It also has a nice feature for look up of a particular call, great for QSLing. Other windows include Previous QSOs, BAND Stats, and DX Cluster.

Previous QSOs list all other QSOs with that particular station, Nice when working DX to let them know you have conversed before on a different band. Band Stats list the modes and bands that you have worked that country on and whether you have it confirmed or not. Finally the DX Cluster shows DX spots from the DX Cluster, either from packet or Telnet connection via the Internet.

With these initial windows open logging becomes a breeze and QSLing not such a chore. I have logged over 900 Qs this year and can easily verify all of them.

Logger has features that make DX chasing fun and easier. It will read direct frequency from most digital radios, it will allow radio hopping using the DX Cluster. Jumping to a frequency shown on the cluster window. It has features for controlling rotors for azimuth. These are just a few of the many bells and whistles it has.

I will admit it is not a contest logging program such as CT or NA. But it will assist you in your day to day logging. If you can convert your contest logs to ADIF format then Logger will also allow you to import those logs for credit and tracking.

So whether you are a contester or a weekend DX chaser look into Logger, and see if it is what you want in a program.

Who knows you may start using it and work your dream contact. I have, I was able to catch a VU2 (India) on 10m the other day due to the cluster feature. Since I started with logger I have worked more DX and States than before, Logger is not making me better, just that I am on more to use Logger.

Hope to hear you on the air.

Chit-Chat

By Linda, NILPN

Sunday Afternoons...

This year a man I had never personally met passed away, yet, he touched my life in ways I am still discovering. Thanks to those he left behind, his stories will continue to touch lives for generations to come.

My first memories of his stories began at my grandparent's home on Sunday afternoon after church and we had just finished eating dinner and were stuffed. We would gather in the livingroom and Daddy Bert, my grandfather, would gather up the Sunday Comics and the grandkids would gather at his feet. He would read and draw the pictures with words for us so we could see them in our mind. It was our time and the stories flowed. The one he seemed to spend the most time on was the one about a boy and his dog. The dog was smart and the boy had a good heart and never gave up no matter how mean others were to him.

The comic strip was Peanuts created by Charles Schulz. My dad would read them to my brother and me during the weekday until we could read them by ourselves. Lucy, Charlie Brown, Snoopy, Linus, Sally, the Little Red-haired Girl, PigPen, and Woodstock all became cherished friends. The adventures they shared with the rest of the world helped make childhood not so scary. They taught us to laugh at ourselves.

I have heard Charlie Brown referred to as a lovable loser. I never saw him as a loser but someone trying to do what is Right in a world where the definitions of what was 'Right & Wrong' were becoming muddy in our society. He was an innocent while those around him seemed to have it together and were wise beyond their years.

The Peanut Gang brought to light issues we sometimes over look. The temptation to test a proven theory: Lucy each Fall holds the football for Charlie Brown to kick and each year he attempts to trust she will hold it still. No matter how trusting he is, Lucy just can not resist the temptation to pull the ball away at the last minute; Charlie ends up on his back on the ground. Charlie Brown shows our willingness to

trust when we may have doubts and Lucy proves we should not always be so trusting when we have doubt.

Linus and his security blanket. Maybe parents should leave these little scraps of material alone and not force their children to part with them. Linus is well adjusted, very smart and full of self-confidence, he just has a blanket with him. Thanks to Linus, I never worried about my son and his security blanket. He turned out fine. He had his security blanket in his room until the 1999 May Tornado took it. I never dreamed of taking it away and left it up to him instead. A tornado took it from him!

Snoopy! He is always up to something! Typing on that typewriter of his, dreaming of his doghouse being a biplane and fighting the Red Baron, and sometimes coming to Charlie Brown's rescue. Snoopy has had songs written about his battles with the Red Baron and toys fashioned in his likeness. In the Spring of 2001, The United States Postal Service will Honor Snoopy on their first 34 cent 1st Class Postal Stamp. Everyone should have a dog like Snoopy!

Very little is ever said about Pigpen, the kid that was always in a his own private little dust storm. I remember my mom use to say my brother was just like Pigpen. She would get him dressed to go out and order him to stay put in a chair while she finished dressing herself. It never failed, she would walk into the room she had left my kid brother in and he would be dirty? She kept a spotless house but also plants and ashtrays. Unknown to her, the chair she would order my brother to sit in was close to a planter or ashtray and he would play in the them to pass time, never leaving his spot while he waited. She never figured it out! He was her Pigpen!

I could write on throughout the night about these characters created by Charles M. Schulz. He brought smiles and laughter to the world and helped us not take everything so seriously. I will miss his wisdom expressed through a comic strip called Peanuts. This year marks 50 Years of Peanuts being a part of our lives!

Thoughts...

A STATEWIDE BURN BAN IS IN EFFECT and the news reports it will be that way until next Spring or we get

enough rain to turn the dead grass green. No Outdoor grilling! That includes GAS and Electric grills located on concrete and those that enjoy Tailgate Parties at sporting event Parking lots. (Ban lifted on grilling this week, Tailgaters complained.)

The recent Fire Storms that swept our state due to the lack of rain is the reason for such strict measures to be taken. Those who smoke and, without thought, flick a cigarette butt onto the ground, need to stop and think. Be responsible, That cigarette butte has a higher chance of starting a fire than a gas or electric grill does. It can travel across the street into the dry grass and fire begins. We all must work together to prevent farther Fire Storms.

Hamfests...

We have 2 hamfest coming up in November on the same date. Enid and Altus will be hosting their hamfests on the 4 November 2000. These will be the last ones for the year in our state.

Hal and I can not attend both and have always attended the Enid Hamfest. We had hoped to attend both this year, maybe we can next year if they are on different weekends. This year, at the Enid Hamfest, I plan to have a table to sell jewelry I have made. Hal plans to clear out some things (ham stuff) we no longer use that are just gathering dust in storage and get a table of his own.

Both Hamfests are great! I invite you to mark the date on your calendars and make plans to attend one of them. Last of the season, don't miss out on the fun and fellowship!

Personal note for all:

AX9YL- YL Mini DXpedition to Norfolk Island! A multi-national team of YL operators from 7 countries will be active on both SSB & CW from Norfolk Island (normal prefix: VK9N) from the 5th -12th October. The Special Call Sign was obtained by the Wireless Institute of Australia, Victoria, for this trip so QSL will be via VK3 Bureau or direct to VE3DYL, QTHR, with return postage and a SAE. (Reported by Gwen, VK3DYL in YL Harmonics, July/August/September 2000 #3) This is your Chance, A YL DX QSL contact! Don't miss out on the fun!!!

Until Next month...33

Covertly employed by a government agency with no name, issued an international license with no restrictions, and sworn to achieve one goal: The exploration and understanding of the most extreme fringes of communications technology. You can join the adventures of Doug Xander, perhaps the most technically adept Radio Amateur in the world, by reading:

D'X FILES

Episode Eighteen: Is That A Pyramid In Your Pocket, Or Are You Just Glad To See Me?

Xander was spending a relaxing Saturday morning in the shack putting the finishing touches on his latest project, a quad-conversion pixel-smoothing satellite receiver designed for the latest generation of digitally encrypted Geo-Sat pictures gathered by the CIA. He had heard their high-security compression techniques were virtually impossible to crack, but offered superb resolution with near-zero digital artifacts. Of course, it was only a matter of days before he cracked the codes and designed a state-of-the-art Anti-Doppler demodulator.

The phone rang as the first batch of pictures was coming in. It was Xowolski, asking if she could stop by and have him take a look at the charger stand for her HT. The batteries weren't holding a full charge and she wanted to be sure the charger was working well before replacing any batteries. Xander agreed, and by the time he hung up the phone the pictures were almost ready for display.

He marveled at the quality of the images, then began studying them for naturally occurring Fractal land formations. Xander was working on a pet theory of his that some locations are better suited for radio propagation thanks to the terrain rather than soil conductivity alone, and that a Fractalized topography could be the key. As he studied the first batch of images, Xowolski arrived and asked what he was working on. A brief explanation brought her up to speed, and as he checked out the HT charger, she spent the time printing out the next batch of images and lining them up into the appropriate grid pattern.

Xander tested the voltage and current regulation on the charger to find it was nearly within spec, and then sweetened up a few component values to bring it up to textbook perfection. When he turned toward Xowolski to return the charger, he

was immediately aroused by something he hadn't expected to see in his shack.

As Xowolski was leaning over the light table, her remarkably firm charms were a beautiful sight to behold. Xander couldn't conceal his excitement as he noticed her cleavage was pointing directly to an image of the Great Pyramid at Giza, built around 2600 BC as the eternal resting place of the Pharaoh Khufu. Knowing this pyramid measures 230 Meters on each side, it is an excellent object to check images for scale accuracy. As Xowolski checked Xander's dimensions, he couldn't help but notice a land feature, slightly to the east of Giza, which resembled a schematic symbol. (!)

Before we go any further, please be aware that very few Amateurs have heard the legend of Tutantetrode, the first Amateur Radio Pharaoh of Ancient Egypt. Many generations of OM's have wondered if the fable was true, that long ago, before the sands of time began concealing the Valley Of The Grounded Grid, Tutantetrode built the most fabulous and effective antenna farm in the Ancient World. Xander began sharing the tale with Xowolski as they both noticed there was something more than a random pattern to the pyramids in the area. As best Xowolski could tell, the images were accurate to within .0037% of true size. This was great news for Xander.

She was fascinated as Xander plotted the image features, then ran the data through a conversion algorithm allowing them to be exported as an EZNEC file. The results were profound. Modeling the pyramids as monopoles, they found combinations of passive and driven pyramids could be used to great advantage in the lower HF range. Going a step further, when he substituted Discone radiators for some of the driven pyramids, the patterns became clearer. At this point, there was little doubt they were on the verge of discovering a long-held

secret of Ancient Egypt: The Pharaohs built the pyramids as low-angle radiators and could have been world-class DX'ers!

The hours passed quickly as they pored over the details in the imagery. On several pyramids, faint impressions in the ground could be seen fanning out from the center. Perhaps a wind pattern in the sand, or just natural erosion, but Xander couldn't help but wonder if this was a telltale remnant of ancient ground radials. Needless to say, this was definitely worthy of a D'X File!

Xowolski looked at her watch and noticed it was almost 6pm. "Hey, Xander, the ShaZamaHamaTronics ARC is having a meeting tonight at seven, you want to go?" Xander hadn't been to a SHTARC meeting for a while, and there was no way he could complain about the company he'd be with. "Sure" he replied. A few quick miles down the Spokogee Turnpike, and they were soon within simplex range of the Snort 'N Choke Smorgasbord. As Xowolski made pleasant conversation with the club members, Xander was still puzzling the implications of the afternoon. "Xander, can you relax for an hour or two and try to enjoy the meeting? I know tonight's presentation is on F connectors, but at least pretend you're interested." She was right. Xander needed to work on his social skills, and this was an opportunity.

As A5LID was describing the various crimp tools for RG-6, Xander filled his plate with mashed potatoes. Then walked back to the table and started sculpting the potatoes into a pyramid with his fork...

—TO BE CONTINUED—

The QSO is out there.

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" Illegitimus Non Carborundum
Ipso Facto "



A. R. R. L. Bulletins

From ARRL Headquarters
Newington, CT

ARRL Bulletin 39
September 29, 2000

ARRL seeks monitoring reports on 10 and 12 meters

In an effort to better document the extent of unlicensed operation on Amateur Radio frequencies, particularly 10 meters, the IARU Region 2 Monitoring System is surveying member societies about the extent of the problem. In order to provide statistical backing for its response, ARRL is soliciting reports from American hams to supplement its response to the survey.

ARRL Monitoring System Administrator Brennan Price, N4QX, is accepting reception reports from amateurs for a two-week period, from October 1 to October 14. Observations should include date and time in UTC, frequency, mode of the transmission, language, if known, and any notes which might assist in identifying the source. Observations should also be limited to amateur frequencies, focusing on 10 and 12 meters.

Price urges monitors to use caution before documenting a transmission as probably unlicensed. "Most countries do not mandate a segregation of voice and digital modes, as the United States does," Price says. "A phone transmission between 28.0 and 28.3 MHz is not necessarily illegal in the country where that transmission occurs, and if valid amateur call signs can be made out, the transmission should not be reported. However, lower sideband and AM transmissions between 28.0 and 28.1 MHz are usually unlicensed, and may be treated with suspicion."

Reports should be e-mailed to Price at n4qx@arrl.org. All reports will be acknowledged, and respondents will receive a summary of the survey results via email.

ARRL Bulletin 38
September 12, 2000

WS7W is New Rocky Mountain Vice Director

ARRL President Jim Haynie, W5JBP, has appointed Warren G. "Rev" Morton, WS7W, of Casper, Wyoming, as Rocky Mountain Division Vice Director. He succeeds Marshall Quiat, AG0X, who stepped down earlier this summer as vice director for health reasons.

Morton's appointment is effective immediately. He will complete Quiat's term of office, which runs through next year. The ARRL Board of Directors last month elected Quiat to be an ARRL Honorary Vice President.

Morton served two terms as Wyoming Section Manager, from 1993 until 1997. While in that office, he spearheaded the successful effort to enact a PRB-1 bill in his state. (Morton's efforts are detailed in "Wyoming Hams Corral City and County Antenna Restrictions," QST, July 1998.) The bill was signed into law in 1997.

Members may write Morton at 1341 Trojan Dr, Casper, WY 82609, call him at 307-235-2799, or e-mail him at ws7w@arrl.org.

ARRL Bulletin 37
September 1, 2000

RF safety rules now in force for all amateurs

Starting September 1, every US amateur is required to fully comply with the FCC's RF exposure guidelines.

The regulations, which went into effect January 1, 1998, require US Amateur Radio operators to read and understand the rules and, where necessary, perform technical evaluations to determine that their stations are compliant with the new regulations. Up until now, only hams who have had to file an Amateur Radio application with the FCC have had to certify compliance with the RF exposure rules. As of September 1, all amateurs must comply.

Under the regulations, an amateur station must not exceed the maximum permissible exposure limits for transmitter operation.

"These regulations are not a major burden on the Amateur Radio Service," said ARRL Lab Supervisor Ed Hare, W1RFL. "Most hams are already in compliance with the MPE requirements; some hams will need to conduct a simple station evaluation."

A complete description of the rules is available on the ARRL Web site at <http://www.arrl.org/news/rfsafety/>. The site also contains resources to make your station evaluation quite painless.

Address questions about RF safety and the FCC exposure guidelines to ARRL Lab Supervisor Ed Hare, W1RFL, ehare@arrl.org.

ARRL Bulletin 36
August 28, 2000

Balloting set in three ARRL divisions

Members in five ARRL divisions have nominated candidates for the positions of ARRL Director and Vice Director, and balloting is set for contested positions in three divisions. The ARRL Election Committee has reviewed the nominations and declared all of the candidates to be eligible. Where there is a single candidate for an office, the candidate has been declared elected. All terms are for three years beginning at noon January 1, 2001.

Balloting for Director will occur in the Central and Northwestern divisions; balloting for Vice Director in the Northwestern and Hudson divisions. Incumbents standing for re-election are unopposed in the New England and Roanoke divisions.

The nominees for ARRL Director and Vice Director in the affected divisions are:

Central Division

Director: George R. Isely, W9GIG; Richard David Klatzco, N9TQA; Edmond A. Metzger, W9PRN

Vice Director: Howard Huntington, K9KM (unopposed)

Hudson Division

Director: Frank Fallon, N2FF (unopposed)

Vice Director: J. P. Kleinhaus, W2XX; Stephen A. Mendelsohn, W2ML

New England Division
Director: Tom Frenaye, K1KI (unopposed)

Vice Director: Mike Raisbeck, K1TWF
(unopposed)

Northwestern Division
Director: Mary E. Lewis, W7QGP; Greg Milnes, W7OZ

Vice Director: Edward W. Brulette, N7NVP; Jim Fenstermaker, K9JF

Roanoke Division
Director: Dennis Bodson, W4PWF
(unopposed)

Vice Director: Leslie J. Shattuck, K4NK
(unopposed)

Full members of record in the Central, Hudson and Northwestern divisions as of September 10, 2000, will be sent ballots by October 1. The deadline to receive completed ballots at ARRL Headquarters is noon Friday, November 17, when the votes will be counted.

Any member who is entitled to a ballot and who does not receive one by November 1 is urged to request a duplicate ballot from the Secretary, ARRL.

Amateur Radio Newsline

Rescue Radio: FCC and Coast Guard join forces in life saving rescues at sea which saved 13 lives

The FCC's Enforcement Bureau has announced that over a recent two day period that agency and the U.S. Coast Guard combined forces to locate and successfully rescue thirteen people stranded at sea. Radio played an important part as we hear in this report:

The first incident occurred on September 3rd. There, Coast Guard personnel received a Mayday distress call from the operator of a vessel, which was taking on water and subsequently capsized. The Coast Guard contacted the FCC Los Angeles Field office and by employing sophisticated electronic Direction Finders, the agents identified the location of the distress signal as originating from a

position ten miles East Southeast of Avalon, California. This put it very close to Santa Catalina Island.

Armed with the location the Coast Guard successfully directed the rescue of the boat operator and a passenger on board. In the second rescue, which took place September 4th, a boater in distress was sending a Mayday transmission indicating that his vessel was on fire and in danger of sinking. Again, FCC field agents from the Los Angeles office identified the location of the distress signal originating from a site, 5 miles off a narrow strip of land on Catalina Island.

The FCC agents alerted the Coast Guard, provided them with the coordinates, which led rescuers to the location site. The swift action by the FCC agents resulted in the successful rescue of the boat operator and his 10 passengers. Ironically, these rescue operations occurred during a week-long exercise known as Operation Mayday in which Commission agents participated along with the Coast Guard and numerous Los Angeles-Long Beach region marine search and rescue personnel.

Operation Mayday was instituted to locate and identify hoax distress callers operating over marine band VHF-FM radio. It has been estimated that such hoax distress calls in the Los Angeles-Long Beach area cost taxpayers over one million dollars annually in Coast Guard deployment of personnel and equipment not including the additional expenses incurred by back-up local or state search and rescue teams.

According to the Commission and Coast Guard officials the maximum penalty for making a false distress call is 6 years imprisonment, total restitution of all expenses caused by the transmission and a fine of \$5,000.

(FCC Release)

Changeover to CORES Registration to be transparent

When the FCC moves its Taxpayer Information Number registration system for amateurs from the Universal Licensing System to the new FCC Commission Registration System, the changeover will be largely transparent to users. The ARRL's Brennan Price has more:

Steve Linn of the Commission's Wireless Telecommunications Bureau says once the changeover is in effect, the CORES/FRN system will be linked from the ULS home page: <http://www.fcc.gov/wtb/uls>. In addition, those already registered in the ULS will, in most cases, still be able to use their ULS password to access CORES.

Amateurs will not have to start signing up in CORES until sometime next year, however, and those already registered in ULS won't have to do a thing. For now, Linn says hams should simply stick with ULS "TIN/Call Sign" registration until CORES registration becomes mandatory. "Don't even worry about CORES," Linn said. "If you have a letter from CORES, hang onto it for your FCC Registration Number." The FCC recently sent letters to every licensee who was registered in the ULS as of June 22, 2000. The letter contains the individual's new FCC Registration Number, or FRN, and a few words about CORES. Linn says the FCC has suspended mailing out CORES/FRN letters for now. Described as an agency-wide registration system for anyone filing applications with or making payments to the FCC, CORES assigns registrants a unique 10 digit FCC Registration Number. The FCC says it will modify its licensing and filing systems, including ULS, over the next several months to accept and use the FRN. The FCC says use of the FRN will allow it to more rapidly verify fee payment. Until CORES assumes the registration function, Linn encouraged hams to register in ULS, which will continue to house the FCC's Amateur Service database even after CORES registration is implemented. Just when in 2001 that will happen Linn was not able to say. "There are a lot of factors involved," he said.

I'm Brennan Price, N4QX. Individuals who register in CORES are not automatically registered in the ULS database, but Universal Licensing System registration will eventually be reflected in the CORES database. You can get more information at: www.fcc.gov and clicking on the CORES registration link.

Ham Radio Politics: IARU meets in Darwin, Australia

Region 3 of the International Amateur Radio Union has concluded its long awaited meeting in Darwin, Australia. And while Region 3 encompasses Australia, New Zealand and the rest of Asia, decisions made there may impact on hams worldwide. From Brisbane, Australia Q-News Graham Kemp, VK4BB, has this in depth look at what was discussed and what was accomplished at this gathering:

The IARU Region 3 Conference being held in Darwin considered a wide range of issues and many of them were concerned with protecting and furthering the cause of Amateur Radio within the region and globally.

Lets run down, again a little further the details of this conference. The conference chairman and WIA President Peter Nash, VK2BPN commented on the positive approach taken during the week long conference when he said it clearly should the IARU Region 3 spoke with a single voice.

However, things are a little different with the morse vote. The conference resolved to support lowering the Amateur License Morse Code test speed as a temporary measure and the ultimate removal of Morse Code being an ITU License requirement. The ARRL voted against and Hong Kong abstained.

Also related to ITU RR S25 was another motion in which the conference addressed concern a preliminary draft recommendation the WRC03. That being document 8A temp 91E. This includes reference to radio telegraphy under a list of operating skills for the Amateur license. The concern expressed by delegates was that operating skills could be misunderstood. And in fact had been wrongly seen by some in the Amateur Radio Fraternity as indicating the retention of a Morse Code telegraphy skill.

Delegates heard that in ITU terminology, Radio Telegraphy meant all digital modes of transmission.

In a motion proposed RSGB, seconded ARRL, the conference resolved to instruct the IARU Region 3 Representatives on the

IARU Administrative Counsel to replace the terms operating skills with methods of communications.

The conference also noted crowding in the 80 meter band being experienced particularly in countries with narrow allocations. And reaffirmed the IARU objective of obtaining exclusive world wide 7 MHz allocation of no less than 300 kHz. This was reaffirmed.

The conference instructed the directors if IARU Region 3 to treat achievement of this as a matter of the highest priority and member societies in the region have been urged to do all they can in support.

The emergency and disaster communications traditionally provided by the Amateur Service is set to be strengthened as a result of the conference. They recommended the establishment of a regional committee for disaster communications. It will seek to appoint Disaster Communications Coordinators within Region 3.

The Conference also gave its support seeking a band allocation in the vicinity of 5 MHz. And to consider defining HF band segments, not the 10, 18, or 24 MHz, for use during international disaster emergency communications.

It was noted that IARU Region 2 had already defined such segments in its band plans.

Among other resolutions were those related to harmonizations of licensing in IARU Region 3, monitoring of interference from non Amateur transmissions to Amateur Satellites, internet based Amateur license education and on demand computerized license testing.

The seeking of an Amateur allocation for a low frequency band, either 165 to 190 or 135.7 to 137.8. And one of the final matters decided at the conference was the election of the IARU Region 3 Directors for the next 3 years. And they include Fred Johnson, ZL1AMJ as Chairman, and Peter Nash, VK2BPN.

The conference resolved the IARU Conference in 2003 will be hosted by the CTARL of course being held in Taiwan.

This is Graham VK4BB reporting on the IARU Region 3 Conference in Darwin.

With this meeting now over, the groundwork has been completed for several upcoming World Radiocommunications Conferences that will leave a definite imprint on the way ham radio traverses the ethereal abyss for many years to come.
(Q-News)

Restructuring: 5 words per minute code for full HF access now in effect

On a related note, license restructuring in Israel has brought with it 5 words per minute Morse code testing. Henry Feinberg, K2SSQ, reports:

Yossi Obstfeld, 4X6KJ is the Chairman of the Israel Amateur Radio Club. And in the September issue of the groups Hagal International magazine, Obstfeld says that as of this summer all the anticipated changes in the Israeli amateur radio licensing structure have become official.

According to Obstfeld, the Morse code testing requirement for the Israeli Grade B General Class and Grade C Novice class of licenses is now five words per minute. Obstfeld says that this falls in line with Morse testing standards in the United States, the United Kingdom and Australia.

But there is one caveat. Obstfeld says that the code requirement for the Israeli Grade A license stays at 16 words per minute. This class of license gives its holders the right to run power output levels of up to 1500 watts.

As a result of all of the lowering of the Morse testing speed, Israel's Technical Plus Class license has been canceled with all holders receiving Grade B tickets in their place. The now defunct Israeli Technical Plus test consisted of the Grade B theory and a 6 word per minute code exam. It granted Novice operation on HF and full privileges above 50 MHz. Now these people will have full HF privileges as well.

From the Big Apple of New York City, I'm Henry Feinberg, K2SSQ reporting for Newslines.

Enid Amateur Radio Club

Whew it sure is nice weather!! Hope everyone is enjoying the temperature. The EARC minutes from the meeting of September 28th are as follows. Meeting called to order John KA7GLA at 7:00pm. Dwayne KC5QVS gave the treasures report Dean KL7MA made motion to accept second by Al KD5BA. motion carried. Motion to accept minutes in CORA by Dean KL7MA second by Clint KB5OEQ, motion passed. Dean gave report on up coming general class that is going on. Sam gave a code class report as being great and growing in attendance.

Old Business: Al gave a report on the Cherokee Strip parade. Parade went very well. Next event will be the Friday after Thanksgiving.

New Business: Dick reported on the 145.290 rept. That it was shut down this last week due to some interference to the 146.940 rept. Dean will due a system check this coming weekend and see if there are any problems with our radios before turning them on again. 444.400 rept. Has an intermittent on the PA deck, will check out also. The audit report was signed and discussed; also the new inventory was explained to some extent. Dick presented the club with new ID cards for the members and encouraged them to be used at public functions. All thought it was a worthwhile project. Dick is asking for things to put in the CORA about the club or personal things going on. There will be a test session at the ham fest in November, Dick, Sam, Al, and Dan will head it up.

Election Committee: The following said they would accept the position if nominated/ or elected: Dean KL7MA, President—Sam KD5EUS, V. President—Dwayne KC5QVS, Treasure—Tim KD5KTB, and Secretary.

Motion to adjourn by Fred second by Al motion carried. PS John will be checking with members for an antenna party at the Red Cross in the next week or so.

Also ARES will meet at the Red Cross starting the First Thursday of October

and then on. Those present at the September meeting were: Dwayne KC5QVS, John KA7GLA, Dick NJ5S, Dean KL7MA, Al KD5BA, Sam KD5EUS, Darren KM5BQ, Clint KB5OEQ, John N5VOF, Bill KC5OKG, Mike N5WUH, Dan KM5DH, Ralph N0UOM, David KD5KOM, Tim KD5KTB, Fred WA5OU, Gene N5SPY

Fall time: Time to get the list of things to do before the cold gets here. My list of things to do seems to get longer every year. Other than normal things like draining the hoses and putting up the summer things, there are the ham things to check on. Make sure the guy wires are in good shape and not sagging too much, any coax couplings for moisture, ground rods and connections. It is a good idea to make a list of these things to check on then mark them off when done. Make sure your long wire end ropes are in good shape, it is easier to change them when it is warm than when it is snowing.

New Faces Maybe: It is time for the new leaders of the EARC to start up and do their thing. We have gained some new members and some new ideas. That is what keeps a club moving on and not just sitting on the past. I always look forward to a new year and fresh ideas of thing to do. The members need to put their ideas into action and stir up some new things to do in the club. The new clubroom and station at the Red Cross is coming along great. We have gained a lot of new equipment thru donations of its members. The Enid Ham fest is just around the corner and that is not just flash in the pan deal either. Tom, Fred and other members have made it one of the best fests in this part of the country. It takes teamwork to get it done, we need volunteers for the front desk, for the VE testing, club tables, etc. you don't have to be there the hole day just a few hours for a great time.

145.290: Well so far so good, the new part for the exciter stage of the repeater fixed the problem thanks to the snooping of Dean KL7MA. We have it turned off for the time as to check out an interference problem with 146.940. 444.400 have also got a problem with a PA deck that works part of the time.

Something to Do: I know I have brought this up many times before but if you have not worked a contest just for the fun of it you need

to try it. There are so many of them you have a lot of variety. You don't have to beat your brains or your radios to death just enjoy it. There are several coming up between now and the end of the year. Several of the club members have tried them and have had a lot of fun, it is really fun for a group to get together and have some yum yums wow good snacks.

Computer Tip: You may already know this one but just the same I will pass it on from past hair pulling, if you have problems when you load programs and you use Norton utilities, turn off Crash Guard and it makes a big difference I may have been the only dummy that didn't know this but I know now.

One of own: W5LFL Named Interim Space Science & Technology Director (September 21, 2000) -- Former astronaut Owen Garriott, W5LFL, has been named interim director of the newly created National Space Science & Technology Center in Huntsville, officials said. Garriott inaugurated the Shuttle Amateur Radio EXperiment, or SAREX, by becoming the first astronaut to use Amateur Radio from space. Nothing like Our hometown boy doing well.

FCC is doing its thing: FCC Cancels License of "Captain Truth" Suspect (September 15, 2000) -- The FCC has cancelled the license of the individual it strongly suspects was "Captain Truth." The Commission notified John M. Yount of Newton, North Carolina, on September 5 that it was canceling his Amateur Extra class ticket because he failed to appear for re-examination. Yount had held the call sign K4QUJ.

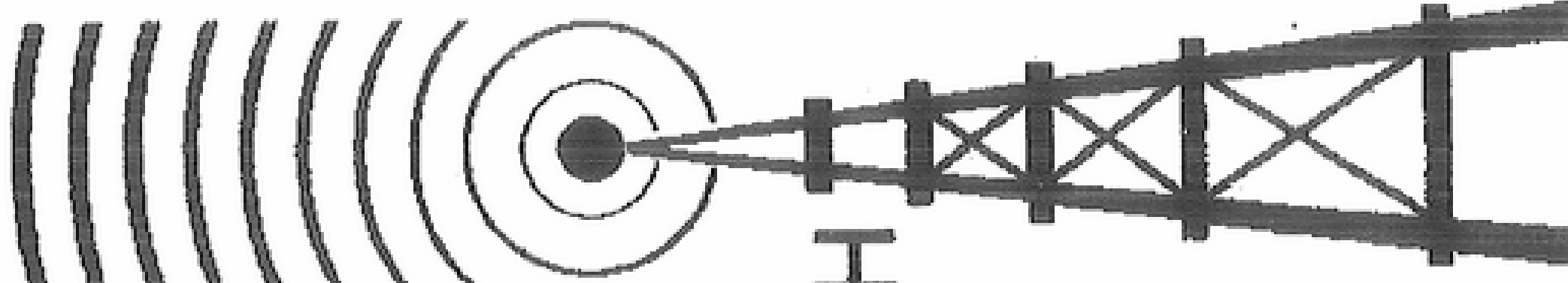
Need mow Power? Well you better get while you can **Alpha/Power To Cease Manufacturing** (September 12, 2000) -- Amateur linear amplifier manufacturer Alpha/Power Inc of Longmont, Colorado, has announced plans to cease engineering and manufacturing operations once the current run of Alpha 87A and 99 amplifiers is completed. The company made the announcement September 7. Wow the QRP people Are jumping up and down...

Help: Please let me know of things that you would like for me to write about in the Collector and Emitter, if you need info on something let me know or if you have some stuff to get rid of let me know and we will get in the paper. How about a computer net to help other hams with the problems of the Personal CONFUSER, it might be fun. Let me know what you think. NJ5S@peakonline.com

Well until next time 73's Dick NJ5S

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CONTACT

IN ASSOCIATION WITH THE ENID AMATEUR RADIO CLUB



Oklahoma City Autopatch Association

Minutes of the OCAPA meeting for September 19th, 2000.

The President of OCAPA Glynn Massey, N5WNL, opened the meeting. There were nineteen members present.

The Secretary's minutes were approved as printed in the C&E.

The Treasurer's report was approved.

Everyone enjoyed the Route 66 Special Event that OCAPA participated in. A motion was passed that if this Special Event occurs again that OCAPA wants to participate.

Motion was made and passed that Don, N5ENQ is to be re-imburSED up to \$50.00 to cover expenses as he is handling QSL cards for K6D (OKC Rt. 66 station).

The base station headed up by WL7FT in the AF QSO Party just past had over 471,000 points.

Elections.

The following amateurs will be serving as your new officers.

Mark Hamblin, WL7FT, is your new President

Ron McCubbin, KC5QCV, was re elected Vice-President

Mark Watkins, NM5W, was re elected Treasurer

Clay Mayrose, WA6LBU, is your new Secretary.

Congratulations to all!

Personal Note

I have enjoyed being your Secretary the past two years, and I want to thank the club for the opportunity.

Respectfully Submitted,

Forrest Rush, N5VWF
OCAPA Secretary

Air Force QSO Party "OCAPA" Style

Greetings one and all,

Last weekends Air Force QSO party was held on the Glenwood area of Tinker AFB. As usual, we went into "field conditions COMBAT COMM" style with the gracious help of the 3rd Combat Communications Group, and although the final results are not in as yet, it appears we have made a fantastic score (if that really matters!) about 471,016 points in 700 Qs.

A few dropped in and worked, and had a great time. I would like to send many thanks to all that made this the fall "field day" contest a great success. Included were: WA6LBU/Clay - This guy set the whole thing up. If he wasn't the man, we didn't have one! Logistics, site approval, and strong back/weak mind. GREAT contest Clay. Thanks Bro. I hear by proclaim you AF QSO Party manager for life! KB6IFP/Jean - The potato salad that kept us strong!

HOAH! Chris - (oldest son), hey mister "T" post! Thanks for being there and helping soooooo much. Without even a complaint! GET YOUR LICENSE!!! AJ (#2 of the 3 musketeers) Thanks dude, you put up the flags and were a LOT of help. TORI (the cutest Mayrose in the pack) helped a lot! But always with a smile on your face and mostly just for being you! W5PDH/Mark - Chief Curdle! Need I say more! Towing, logistics, generally being the guys with the answer when we all looked stupid at each other waiting for somebody else to do it cause we were beat tired! Couldn't have done it without ya well ok, maybe we could have but dangit, it wouldn't be half as much fun!

WA9AFM/Tom - Computer support, guidance and direction, brunt of our officer jokes (just kidding!). KC6RKT/Bill - Diehard operator, has come out for the last two field days, doesn't get tired, Just makes Qs. Bragged to his dad in California what a great son he has. Good job

digging them "Q's from out of the mud!! KC5FSC/Gaylon - Motor home. Alternate generator when we ran out of propane the second time! Brought all-mode VHF and ran his HF on the second station, kept me from having to sleep outside on a cot! (You are the man!)

N2NNP/Eric - Another Die-hard, all three days, allowed a few of us to rest between logistics, and more Qs, Done good, great ops (funny haircut!).

NW5M/Mark - Drove all the way to Midwest City for delivering sunshades, and helping setup. I know you were busy yet wanted to be there, you missed a good one.

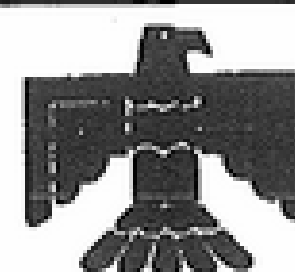
SSgt Ken Goss (3rd Combat Communications Public Affairs) - Great article for the Tinker Take-off. KQ4OJ/Chaplain Rich Crozier the 3rd Herds Chaplain (alias K1GOD) even stopped in to bless this event!

Great time! One suggestion we thought of to improve all our field ops is a 40/80 meter vertical! I think we should work this into the budget.

It would allow us to continue ops well into the night when the high bands die off around 2300 local, or Mac can bring his GAP vertical next year if he hasn't put it up yet! (We love ya man)

All I can say is this was a great success, lifted the spirit of many an Air Force veteran, made some great Qs including a D88 from San Verde Island in West Africa! You missed a good one, maybe next year! Thanks one and all for making this an OCAPA sized event! Next year lets take the whole gang!

73s Mark
WL7FT/5



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PSK-31 Certificate Offered

Hey gang, the PODXS, that is the Penn-Ohio DX Society, is offering a certificate to PSK31 operators. Here are the "simple" rules. The Ø7Ø Club Sponsored by the Penn-Ohio DX Society. July 6, 2000

1. The Ø7Ø Club is open to all amateurs licensed to operate on the H.F. bands.
2. Membership - To apply for membership into the Ø7Ø Club, the applicant must submit the following:
 - a. A Ø7Ø Club application, consisting of a written request along with your call, name, address, e-mail address, and telephone number. Application may be made via USPS or e-mail. Forward e-mail applications to <jhudak3rd@aol.com>.
 - b. Log data indicating that the applicant has made contact with 50 different amateur stations on the H.F. bands using the PSK31 mode. Please include call, date, and time.
 - c. For this program, the H.F. bands are 160 thru 6 meters, WARC bands included.
 - d. All contacts must be two-way PSK31 and made after June 1, 2000. Repeater contacts dupes and cross-mode contacts will not be accepted for credit.
 - e. In addition to the required log information, the applicant must submit one QSL card verifying any one of the QSO's submitted above.
 - f. Upon acceptance into the Ø7Ø Club, the QSL submitted will be returned to the applicant, along with a Ø7Ø membership certificate.
3. Endorsements - Endorsements are available for new contacts made over the initial 50 contacts in blocks of 50 contacts each, to a maximum of 300 total contacts. To apply for an endorsement, the applicant must submit the following:
 - a. Log data indicating that the applicant has made contact with 50 different amateur stations on the H.F. bands not previously submitted for Ø7Ø Club credit.
 - b. In addition to the required log information, the applicant must submit one QSL card verifying any one of the QSO's submitted above.
 - c. Upon verification of the log data, the QSL submitted will be returned to the applicant, along with an endorsement sticker for 50 contacts.
4. All contacts must be two-way PSK31. Repeater contacts, dupes, cross-mode contact and contacts previously submitted for Ø7Ø Club credit will not be accepted.
5. To facilitate log keeping, the applicant is expected to keep track of all contacts submitted for credit, per 2.b above. Applications with excessive dupes will be returned unprocessed.
6. A listing of Ø7Ø Club members will be available on the PODXS website at <http://members.aol.com/n3dqu/podxs.htm> and will be updated periodically to reflect current member standings.
7. The Penn-Ohio DX Society reserves the right to modify or alter any rules as deemed necessary. Applications found not in accordance with Ø7Ø Club rules or considered being contrary to the philosophy of the Penn-Ohio DX Society and/or spirit of ham radio will not be accepted.

Looking forward to receiving YOUR log sheet. 73, Jay, KA3X



VHF Club

NEWS

W5LOW

Elmer Goekler Memorial Station

The Central Oklahoma VHF ARC held the 13 Sept 2000 meeting at Hometown Buffet, 3900 NW 63rd. Meeting was called to order by Bill, WA5FWD @1145.

There was no Treasurers' report since Jim, W5AI was in Paris fooling with one of those things the Wright Brothers fooled with. We think our money is still Okay because Jim was contacted and by QRP, no less.

Again, there was no evidence of the Minutes of the August meeting but some thought that if we found the June Minutes they would both be together.

Jerry, WA5JS, gave a CORA report that was educational and entertaining and we all appreciated it. President Bill, WA5FWD notified us that he would not be able to attend the 11 October meeting giving us plenty of time to plan to proceed w/o him.

The speaker at the meeting was a technical engineer, from IBM, or BFI, not sure which, and her subject was how newly developed items come to be named how they are. She was a very pretty young lady and was very knowledgeable about the subject. Of course it was pretty technical, but I was surprised to learn that doohickys are considered to be feminine and thingamajigs are generally masculine. She reassured us that hams are not violating any FCC Regs if we continue to just toss our stuff into one drawer.

There was a feeble attempt to revive MFJ (meetings' funniest joke) but all seemed to be heading for the desert counter so we adjourned.

Respectfully, J. R., KB5WVE

(405) 524-3770
PCS 410-4005

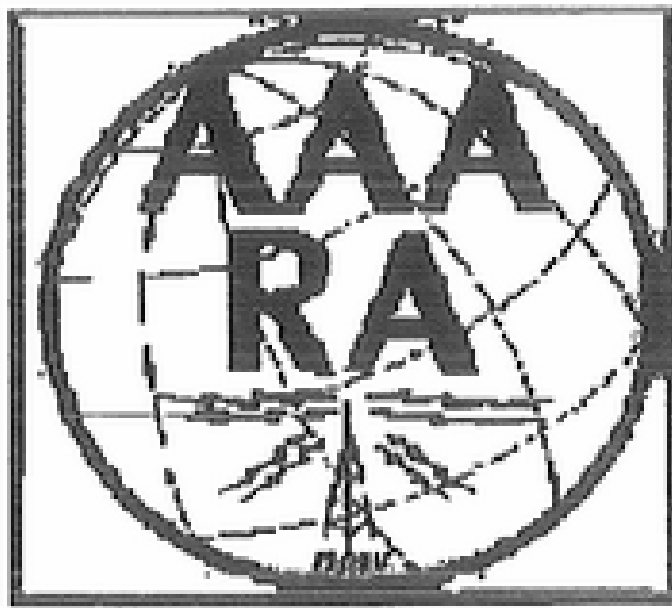


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Altus Area Amateur Radio Association

Thoughts in the Air

By Ron, KD5CYW

Well the Fall is here and this is the coolness of the hamfest, and even the Railroad Shows to begin the plight for the drive to, see friends and folks alike who are part of the hobbies we enjoy. As the AAARA prepares several things to do in the next 3 months, it will be a role of events that will keep us on our toes. 21 Oct for the club picnic, 4 Nov for the AAARA Hamfest (Yes, the Ham Band will be playing again this year for the musical interlude of your gathering delight), 14 Dec for our Club Christmas Party, and also (date not known to me) Dec will be the Altus Christmas Parade, where our Van will be in it, and we will be along the route seeing that everything is going smoothly by helping the City out.

Well the Rains that came last weekend gave us 2.01" and the ground soaked up every bit of it in record time, now I have to cut some grass, ok tall weeds that needs to be cut down (hooray!). The BBQ band is lifted, so the picnic can be just that, grille it. The hurricane pattern has been weird, seems like no moisture is headed this way, but then this is Oklahoma, where it can change anytime it seems. I hope you all have had a safe summer, and time to clean out the garages to make room for more stuff that we stuffed in there during the summer, since it was too hot to clean it out then. That is my project for the weekend, and even to get the house ready to paint, yes the cool air is welcomed. I must put the 2m beam up and the rotor, and several other great projects that will make it all come together after this hot spell we had.

Well that is it here in a nutshell, till next Month, see ya at the Hamfest or somewhere on between, or on the air,
73's

Ron, KD5CYW

AAARA Business Meeting 14 September 2000 held at EOC

Called to Order at 5:30pm by Dale, N5VX.

Old Business:
Treasurer Report-

New Business:
Breakfast Meeting 23 Sep - Friendship Inn, 9am

Reviewed consent agenda for general meeting.

Hamfest items

Meeting Adjourned at 5:55pm

Altus Area Amateur Radio Association (AAARA) September Minutes

Mail: AAARA, PO Box 8863, Altus, OK 73522-8863.

General Meeting held at SWTC, 711 W. Tamarack Rd., Altus, OK.

The Altus Area Amateur Radio Association was called to order by the President, Dale, N5VX at 7:05 PM Thursday September 14, 2000.

Introductions -

Intro.'s- Done, 20 attending. Had 4 New members join AAARA, Welcome to the Club, Rob KD5KKQ, Jim KD5LMX, and Debra KD5LMW, along with returning member Loren WA5CBF. Welcome! We Mean That.

Last Months Minutes-

Treasurers Report- Read, motioned, all voted and approved.

Old Business -
ARES Meeting: 28 Sep, 7pm at EOC, in Altus, OK

Breakfast Meeting 23 Sep - Friendship Inn, 9am.

Club Logo Scan- Done. Polo Shirts / T Shirts- this will have club logo on it, and then vote on what we want to get. Dale has

a price list. Think of two shirt colors for a vote.

Editor's Note: If the club logo has change from the one at the top of this column please make arrangements to send it to the Collector and Emitter to be included in this column. Thanks The Editor

Business Cards- AAARA cards in, and you may pick them up from any AAARA function, or give Dale a call.

HAMFEST- Mike W5VXU, 4 Nov 2000, at the Altus Community Center on Falcon Rd. Janice KD5BNO, will acordinate the Non-Ham tables, crafts, toys, and things of that area, (things for our YL's too). Lots of discussion about Hamfest went on. Site location is signed and contracted for Nov 4, 2000. ARRL sanctioned event. Add in Oct QST, Labels are in, awaiting to mail out.

Books from ARRL: James AB5FS, if you would like to order a book from the club, see James, he will take your order. Book Table will be set up during Club Meetings.

Need 1 person for remaining month for refreshments, Lil will do OCT, NOV is open still. Thanks to Janice KD5BNO for September meeting.

Vests- Mike W5VXU and Ann KA5YWY had vests from size S to XXL, these vests can have AAARA, NAME, CALL SIGN on them, Embroidered (where you want them is up to you), and it is \$20 per vest.

Christmas Parade- This will be done under the ARES banner, and also to include the AAARA club members as well. A Big Project for us here in the Altus Area for all Hams, all invited to participate, details will be handle at the ARES meetings. POC is Dale N5VX or Dave KC5SII.

New Business - as follows

Radio for sale: Doc, KM5IO has a radio for sale, and wanted to know if the club wanted to buy it for the Comm Van. A discussion followed, a motion was not made at this time. Tabled till after the Hamfest.

MARS- VHF Repeater is Up and Running at Altus AFB. Looking at a building on Base for a MARS Station, MARS and

Civil Air Patrol will use the MARS freq as a Joint Operation Freq.

New Code Test Procedures were discussed.

Emergency Flashers- Radio Shack has a unit that has a Velcro Strap that you can put anywhere.

Test date: will Be OCT 24, 2000 at KOC Hall, Racetrack RD, Altus.

Red Cross Awareness Day- We were there with the van, and folks were amazed to see that we can do Emerg Ops from there. Red Cross gave Dale a Award for his work as a volunteer.

ISS and Ham Radio: Ham Gear is on board the International Space Station, should be up and running within 1 yr.

Ham Awareness Day (16 Sept)- AAARA did not plan for this.

RF Exposure Limits- In effect for all hams since 1 Sept. More info on www.arrl.org about it.

ID Cards- Places under a disaster area or other reasons of such, are under big scrutiny for folks being in the area. ID Cards seem to work, but the Law Orgs are somewhat crippling the folks helping out. More Info at the ARES meeting on this.

Business from the floor...
New Business... opened from the floor

Picnic- Club Picnic will be 21 Oct, 9am at the Altus Resvr., it will be a Pot Luck, please contact Ann KASYWY, or Janice KD5BNO. Also will have a Small Tailgate Swap too, more details at the club Oct meeting.

SWORA repeater in Granite, 146.715 (-) No PL, - Terry KB5LLI pickup the Ant from Quanah and will set up the system in Cyril for testing of the whole system and it should be up and running soon, about 3-4 weeks if that. (But he told me, before the Storm Season hits, it will be up)

Ongoing Projects. - discussed.

APRS- 144.390 simplex, have site up on Walsh Mountain in Granite, OK.

AAARA Comm Van- Get with Dale if you would like to help out. Light Bar mounted, Carpet down, and Table Top on.

Packet Node- Items are on order, awaiting to set up and put up.

UHF Repeater- Rob KD5KKQ has it, work will begin Tuesday (19 Sept) and should be ready.

APRS- Lawton has its new digi running, and they are looking to put up 2 more. Dale has been helping them out to get things in order.

The AAARA Tuesday Night Roundtable Net will be at 7pm, 146.790 (-), Ron KD5CYW, will be the Net Control. Anything for announcements can be emailed to Ron at kd5cyw@arrl.net, or call him at (580) 482-8446.

The meeting was adjourned 8:30 PM with everyone looking forward to the next meeting 12 October 2000, 7pm at SWTC.

Typed by Ron, KD5CYW, SEC/ED
AAARA Email: rroman@intellisys.net

73's,

Ron Roman, KD5CYW
Altus, Oklahoma

Sec/Ed/Webmaster of Altus Area Amateur Radio Association (AAARA)
<http://www.qsl.net/aaara>

More Amateur Radio Newslines...

RFI: iPhone RFI

If you are suddenly hearing squeals and squawks from your radio listen up. The CGC Communicator reports on an attractive consumer device that can wreck havoc with radio reception. The unit is called the "iPhone." It's a combination telephone, telephone answering machine and internet terminal rolled into one small package with no external computer required. Only problem is, that it also appears to be radio frequency interference generator. This came to light when Communications General Corporation noticed spurious emissions infesting the AM broadcast band at its lab in Fallbrook California. CGC President Bob Gonsett, W6VR, says that it did not take long to pinpoint the source as being a pair of new iPhones installed about 150 feet away. Bob says that the iPhones appear to use

their telephone lines as an antenna. As a result, spurs from the iPhones clobbered the AM band at approximately 100 kHz increments, and the unwanted signals were on the air 24 hours a day. Gonsett says that the iPhone distributor has replaced the two troublesome devices with phones that do not cause obvious problems. But he wonders how many other problematic iPhones are out there. If you know of any, please e-mail bob at: rgonsett@connectnet.com

Radio Regulation: Commission amends Part 15 of rules to facilitate technology for high speed wireless services

Meanwhile, the FCC amended its rules to allow frequency hopping spread spectrum systems in the 2400-2483.5 MHz band to permit the use of wider hopping channels. The amended rules will allow certain devices to operate on a minimum of 15 non-overlapping channels, permitting bandwidths up to 5 MHz wide. The wider bandwidths will permit these systems to provide higher data speeds. Amateur Radio has primary 13 cm allocations at 2390 to 2400 MHz and from 2402 to 2417 MHz. Hams are secondary elsewhere in the 2390 to 2450 MHz segment.
(FCC)

Emergency Preparedness: Get SET to be ready

If you or your radio club are involved in Emergency communications, then mark down the dates October 7th and 8th. That's because these are the dates of the annual Simulated Emergency Test sponsored by the American Radio Relay League. During SET, League field organization personnel in every corner of the nation will be holding emergency response scenarios. The idea is to treat these episodes as if they are real emergencies and respond to them. To learn more about the Leagues Simulated Emergency Test, go to: www.arrl.org
(ARRL)



Altus Area Amateur Radio Association

announces its annual Hamfest and Electronics Show to be held on

4 November 2000, 8 AM till 5 PM

at the Altus Community Center on Falcon Road.

You are cordially invited to see your old friends in Altus and meet new ones at the Electronics Event of the year in South West Okla.

Dealer & Craft table setup to commence 5.00 PM Friday. Building closes 10.00 PM Friday and opens for the Hamfest at 8.00 AM Saturday morning.

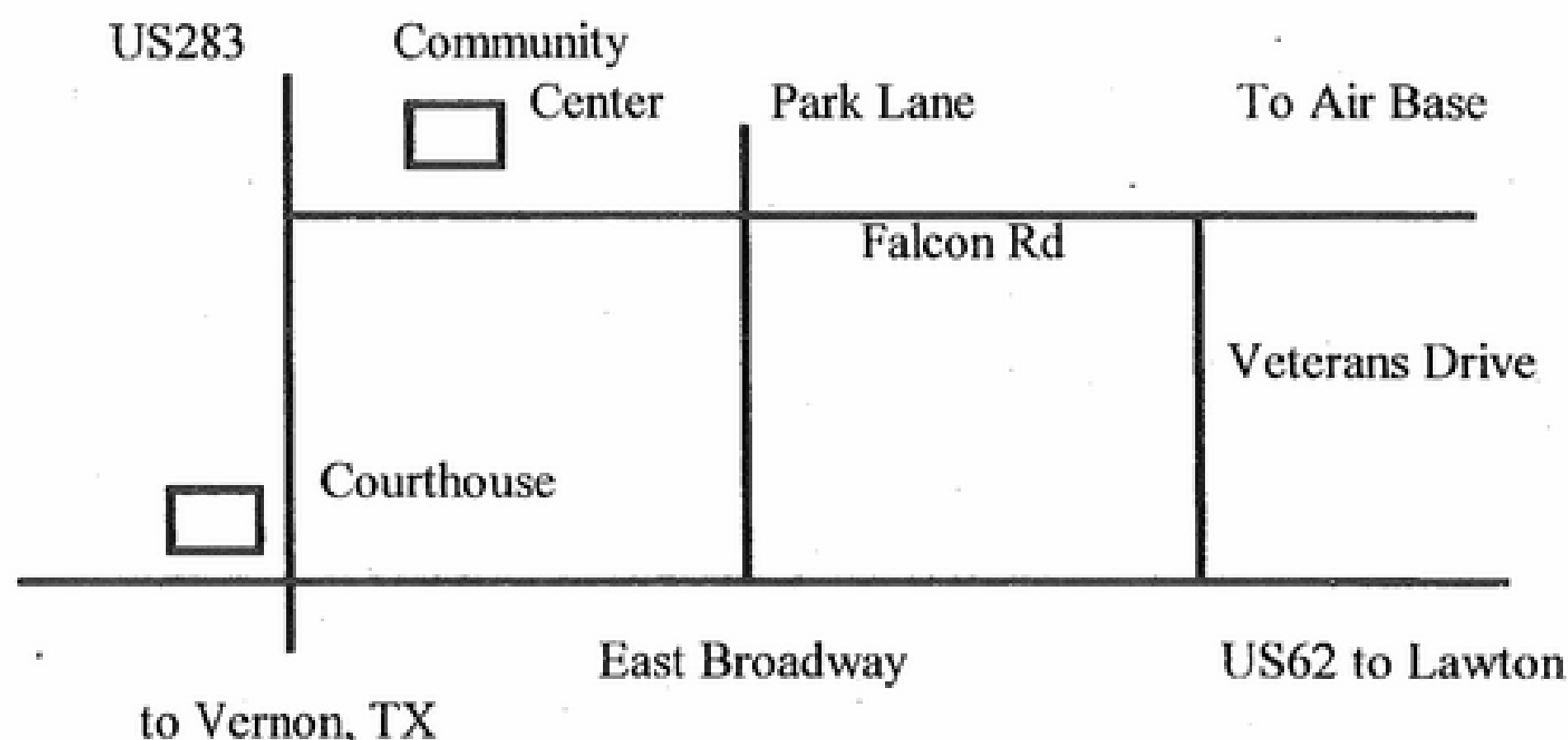
Lunch will be offered by the Fortune Cookie Restaurant from 10.30 - Noon.

Entry to this event will be at \$5.00 and tables are available at \$5.00 each.

For table reservations contact W5VXU at Rt 1 Box 140B, Lone Wolf, OK, 73655 or w5vxu@juno.com or 580-846-5578 or Janice, KD5BNO at 900 N Chalmers, Altus, OK, 73521

Building security will be provided overnight. Call-in 146.79 & 147.285 backup.

"White Elephant" Auction will be conducted at Noon.





Edmond Amateur Radio Society

Birthdays:

The following EARS club members have October birthdays:

10-02	Patricia Kuper	KC5YBP
10-06	Dirk Wilhite	KC5SFE
10-10	Rick Jackson	KD5JUO
10-14	Ed Stinnett	W5FW
10-16	Jana Thomason	N5KMJ
10-18	John Plum	
10-18	James Dawson	WA5PHJ
10-20	Dan Osborne	K5ISN
10-20	Kyle Grainger	KB5KIU
10-20	Earl Soliday	KD5IPC
10-21	Kathleen Stearns	KB5KIJ
10-25	Dee Mize	WD5FHR
10-28	Ken Stepp	N5DBM
10-31	Steven Cornman	KB5CDF
10-31	Steve Christy	N5YNI

Member Information:

Our newest member:

Jason McGee KB5EYE

New Call:

Nick Jewell K5XMR (formerly KD5IPA)

Club announcements are being forwarded to all members with email addresses; however, many of them are bouncing back undelivered, particularly those with juno accounts. If you have changed email addresses within the last 6 months, please drop Sharon KM5GV an email notifying her of your current email address. Send updates to km5gv@arrl.net. And, to notify the Club of a change in your Call, Address, Phone number or E-mail address, please contact Sharon by E-mail at km5gv@arrl.net. Thank you.

de Sharon Thompson KM5GV

Board Meeting:

Edmond Amateur Radio Society Board Meeting
Sept. 9th, 2000

The Meeting was called to order at 7:30 by Curtis Foote KC5GEP.

In attendance were:

Robert Coxsey KM5GZ Curtis Foote KC5GEP Pat Martin KD5CPQ Steve Kuper KC5RYTEd Price KA8NBG Sherry Storey KD5CPJ Dave Storey K0TYC David Wolf KC5KJE Earnest Wolf K5YKD Sharon Thompson KM5GVGary Carson KD5CPL Clara Granger KG5UG Jim Richardson N5OHL

Officers Reports:

Secretary: Bob KM5GZ, asked if last months minutes, written & sent out by Sharon KM5GV, had been read by everyone. There was a motion made to approve the minutes.

It was voted on & approved.

Treasurer: Gary KD5CPL gave the financial report. The report was voted on & approved.

Vice President: David KC5KJE said he was getting the next dinner meeting set.

Repeater: No report.

Emergency Coordinator: No report.

Board Members: No report.

Past President: No report.

Committee Reports

Activity: Dave K0TYC said that State Hood Day Special Event Station was coming along. Dave said that Dee WD5FHR has gotten the Scottish Rites Temple in Guthrie set up for Nov. 18th. The Club will be allowed to set up an antenna outside. The notice has been sent to QST magazine. The call sign will be N5OK.

Ed KA8NBG said that we can get in early to set up radios. We will have to have a couple of trips to view the set up before Nov. 18th. All the W5W cards have been sent out. Ed will get in touch with the Historical Society for early day photos of Oklahoma for the QSL card. The club had contacted one Route 66 Event Station. Also had contacted Lee KA5WIS & Edith KA5YPX while on their vacation. The Club had also made one Europe contact.

Club Station: No report.

Cora: Earnie attended last CORA meeting. He said there were 982 that attended Ham Holiday. Will try for same building next year. There will be a tax man

at the door to collect from vendors. The C&E is not breaking even but no increase in price at this time. The next CORA meeting will be elections.

Membership: Sharon KM5GV said that the Club has one new member. KB5EYE. She asked if, like last year, the Club wanted her to send out renewal forms to members. It was voted on & approved.

Calling Comm.: Sherry KD5CPL said that everyone was on the e-mail list now. They had been sent the newest roster. Sharon said that she will e-mail the roster to any member that wants one. Curtis said that he is trying to get a CPR class for next weeks meeting. Also there will be a tailgate before the meeting.

Health & Welfare: Clara KG5UG said the Keith Morrison KC5TPC wife is doing okay. Bill Thompson is still in hospital.

Net Control: Bob said that everything is going fine.

Old business:

Classes: Clara said that there were 24 enrolled. There were 7 absent last week.

Students are enjoying the classes. Sherry said that there has been \$49.45 put into Scholarship Fund from classes.

Christmas Party: Curtis asked if we would cater party or bring our own food. Pat KD5CPQ said that we could ask for volunteers on the net.

New Business

JOTA: Curtis asked if the club wanted to open the Club Station for the JOTA Oct. 21st. The board approved without vote. Dave asked if the Club should get a vanity call sign to replace KC5ORP. W5EOK & K5EOK were suggested. There was General approval by the Board. Will be brought to general members for approval. Sharon mentioned the ARRL Award of \$1000.00 that will be given to active clubs & did the club want to try for it. She wants everyone to let her know what areas the Club is active in.

Nominating Committee: Curtis asked about who wants to be on the Nominating Committee. Will ask John WB5SYT if he will chair the committee.

Adjournment: At 8:30 a motion was made to adjourn. It was voted & approved.

Minutes written & submitted by:

Robert Coxsey KM5GZ

Future Activities:

The following will look familiar from last (and every) month. It has cooled down quite a bit, so it will be nice to get out and support these events.

The October Siren test will be the 7th of October. The November Siren Test will be the 4th of November at noon. I do think it will cool off one of these days, so it will be more fun to cover a location. Please let Edith KASYPX know you can do it when she asks, so she won't be short of watchers. Give Edith a call at 348-2961 early to get a spot to listen from.

Breakfast still happens each Saturday at Perkins on Broadway around 8:15 on each Saturday morning. Maybe as late as 8:45. There should be some mobil antennas in the lot, so come by and have some good food and fellowship.

Don't forget about the Monday Night Information Net! When is the next hamfest? When and where is the next test session? What is the EARS club about to do? What's the current news on this year's classes? Find the answers to these questions and many more every Monday night at 8:00 PM on the 147.135 repeater. New control operators are always needed. Bob Coxsey is the net manager. Give him a ring if you'd like to give it a whirl.

The next Board Meeting will be at the Edmond Community Center at 7:30 PM on October 10th. We're in a different room from the Club station so there is plenty of room. We'll be putting the final touches on some upcoming events, so come on by and see what is going on.

The October Dinner Meeting will be at Cilantro's in the Northeast corner of the shopping center on the Northeast corner of the intersection of Edmond Road and Santa Fe. We'll start gathering about 6:00 PM, and chow down at 6:30 on Saturday the 21st of October. I've eaten there, and it is very good.

The EARS Technician Licensing Class has started on the 20th of August and will run for 4 (as of today) more weeks followed by a test session on the following Sunday, the 22nd of October. There are over 20 students so far. Clara Grainger KG5UG is the central contact for the classes at (405) 341-2968. The club station is also open on Thursday nights for students to come and see what is going on. All members are invited to come by a class or Thursday night to meet and support the class members.

We will be helping out at the University of Central Oklahoma homecoming parade this fall. Lee and David will need help. Be listening to the net for details as they become available.

We will also hold a Special Events station in conjunction with Oklahoma Statehood day this fall. Preliminary plans call for the station to be in the Masonic Temple in Guthrie on the 18th of November. This is getting more interesting all the time, with some very nice tours available. There are several nice restaurants in Guthrie, so a dinner meeting will probably be there also.

Jamboree On The Air will be the 21st of October. There is interest from both Boy and Girl Scouts to participate from our club station. Would you like to participate? Please give me a ring (Curtis Foote at 405-359-6514) if you have a unit, or would like to help out. I'm going to try to schedule as efficiently as possible to keep it moving along. Come and pitch in!



Health And Welfare:

Hi everyone-

We wish to extend our deepest sympathy to Ken Stepp, N5DBM, his wife Penny and family in the loss of Penny's father, Major Caldwell, who passed away on Friday, September 22nd 2000.

Our heartfelt sympathy also goes out to Phyllis Thompson and family in the loss of her devoted husband, Bill Thompson, N5KLG, who passed away on Sunday, September 24th 2000 in Edmond, Ok. Bill was a long time former member of EARS and had many friend in the club with whom he stayed in touch.

May the Stepp and Thompson families be comforted during this time of sorrow by knowing you are in our thoughts and prayers and that your loved ones will live

on in the cherished memories that will always be in your hearts.

Bob Hebert, N5SAG, his wife, Dixie, had triple bypass surgery at St. Anthony's Hospital on September 15th, 2000. Her surgery went well and she was dismissed on the 19th of September and recuperation at home is going well.

Keith Morrison, KC5TPC, his wife, Helen, is doing much better now that they finally have her medication adjusted. Her recuperation from the aortic valve replacement of August 11, 2000 has gone well.

All of these folks are grateful for your prayers, the cards, and calls. I hope everyone else is doing fine. Smile, it could make a difference in someone's life.

73 de Clara Grainger KG5UG

That's it for this month. Please send information for next month's C&E to Curtis Foote at cfoote@theshop.net so I won't have to take up so much space.

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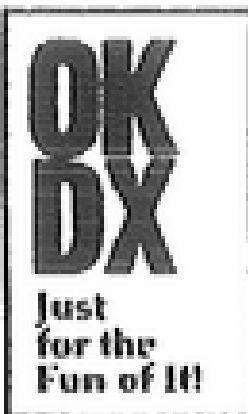
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OKlahoma DX Association

October, 2000

From Da' Prez

By LARRY SHIMA, WØPAN

As you read this, the new Officers began their new terms in office on October 1st:

Larry Shima, WØPAN, President
Clif Sikes, N5UW, VP / Activities
Dick Stricker, NJ5S, VP / Operations
Jerry Chouinard, K5YAA, Sec / Treasurer

Next month, I will announce the line up of the 5 Directors covering each quarter of the state plus the central area. I want to thank Lu Fisher, K5YP who was our Vice President of Operations last year. Due to the press of business, Lou chose not to stand for election. My thanks to everyone who helped the OKDXA achieve another successful year of activity in chasing DX, contesting, supporting DX'peditions, and attracting new members to the OKDXA.

I attended the CORA meeting on Tuesday, September 26th. Their New Officers were elected as shown on page two of this C&E. Special thanks go to Hal Miller, KB1ZQ for his outstanding five years as CORA President. His dedication (along with XYL Linda, N1LPN) has kept both the C&E and Ham Holiday at the forefront of the Amateur Radio community in Oklahoma. Hal and Linda will continue to publish the C&E and we appreciate their good work.

THE PICNIC ON SEPTEMBER 24th:

Turned out to be a non-event as only 5 members and 3 spouses let us know they would attend. The modest RSVP rate, with the Governor's outdoor grilling ban due to the wildfire hazard, pretty well negated the picnic concept and it was canceled.

OKDXA HAM OF THE YEAR:

Traditionally, we've always awarded the OKDXA Ham Of The Year plaque at our annual banquet. With the cancellation of the picnic, a formal presentation of the Award was not possible. This does not diminish in any way our appreciation for the fine work done on our behalf by our newest **OKDXA HAM OF THE YEAR - ROSS HUNT, K5RH**. Ross has done many great things for the OKDXA over the years and has contributed much to

Amateur Radio. Just one of his many contributions is DXCC QSL checking, an important but very time-consuming task.

THANKS, ROSS, WE APPRECIATE EVERYTHING YOU'VE DONE FOR THE OKDXA AND THE HOBBY !!!

As we approach another year in the new millennium, we would like your input on activities, events, meetings, etc. that you would like the OKDXA to sponsor. As you know, we actively provide financial support to DXpeditions to the extent our treasury permits. This is typically 3 - 4 per year at \$150 - \$200 each. For a club to thrive and attract new members, it is essential that the members participate actively in various club sponsored events. Please send Clif Sikes, N5UW any ideas for things you would like to see the club do to promote the fun of belonging to the association. We've tried a few new things this year, like the Y2K Competition and the picnic approach to our annual banquet. The Y2K Competition met with marginal success while the picnic was a complete bust, so you know there's plenty of room for improvement with your help! Last I heard, nobody had an exclusive on Good Ideas in this club, so let us hear yours!

AND, SPEAKING OF GOOD IDEAS:

I know I'm not the only one around here who remembers the old Howdy Doody TV show. Buffalo Bob Smith always started by asking: "What time is it...?"

Well, I'm not going to tell you it's Howdy Doody Time, but I will say it's "RENEW YOUR OKDXA MEMBERSHIP TIME!" October is OKDXA Membership Renewal Month and I know how much you enjoy being nagged about it. Believe me, I get the same thrill from doing this. We'll be mailing out the dues reminders "real soon" and the sooner you get your renewal back to Jerry Chouinard, K5YAA, the sooner I will stop nagging. That's something we can all look forward to. Let's do everyone a favor by returning your renewal at your earliest convenience. For those who've been meaning to join the OKDXA, this is an excellent time to get with Jerry (see the contact info at the end of this newsletter) and become a member! — WØPAN

Secretary / Treasurer Report

By JERRY CHOUINARD, K5YAA

"CQ DX, CQ DX, CQ DX... DE K5YAA"

From Da' Editor

By NELSON DERKS, AC5UP

As the HF bands shift from summer to winter conditions with the fall equinox, we should start hearing more Trans-Equatorial propagation into South America on 10 and 12 Meters and might get lucky enough to hear some Trans-Equatorial on Six if Ol' Sol is in the mood. It's an interesting time of year and the lower bands are definitely "Open For Business" again.

Here at Casa QRM, the weather switched from 'Broil' to 'Simmer' last month and I did a little antenna work that was rewarded by an abundance of 'first call' contacts during the Worked All Europe contest. I was hot into Eastern Europe and probably relied on good band conditions more than an over-achieving wire at the far end of the coax, but I'm not complaining.

Last spring I got a wild hair and took down the 20 Meter Extended Double Zepp to try out a non-resonant terminated long-wire. Bad Move. Although I had a dead flat SWR on 40 Meters and above, the performance on 20 and up was dismal with spurs from two local AM stations popping up throughout the HF range. I know multi-band antennas tend to be a compromise, but this was ridiculous. Maybe the EDZ had me spoiled, as it was one of the best mono-band wires I've used.

I was tempted to try a non-resonant Folded Terminated Dipole but, after reading the modeling comments by L. B. Cebik, W4RNL about mediocre TX performance, the hassle of building a 16:1 balun and weatherproofing the 800Ω non-inductive resistor didn't appeal to my inner sloth. As a general rule, any antenna that requires a complicated matching device is probably more trouble than you need. I opted for an old favorite, the Off-Center Fed Dipole or, as it's often called, a "Coaxial Window".

I put one up a few years ago that worked well, but the rig at that time had no Auto-Tuner. On some bands the SWR power fold-back circuit was working overtime and I wondered if I could do better. Never could tweak it into complete sweetness. But, have you noticed how the second try usually turns out better than the first? Same here. In its simplest form, the 136' OCF Dipole doesn't work on 30 or 15 Meters, and mine needs a little help from a tuner on 75 Meter phone from 3.75 to 3.99 MHz, but the SWR is almost flat on 40,

20, 17, 12 (all full band) and 10 Meters (28.2 through 29.2 MHz). Plus, it loads nicely on 50.125 MHz and that's a good assortment. I didn't expect much fire in the wire on Six, as the balun is working above its design limit, but a little testing on a local Net tells me it radiates 'Not Bad'.

As for performance, Saturday night on 20 Meters during the WAE contest saw Lithuania, Croatia, Russia, Slovenia and England in the log while Sunday morning added Bulgaria, Latvia, Germany, Poland Lithuania, Slovenia and Belgium on 10 Meters. All barefoot at 100 Watts, all on the first call. I could have worked many more, but I had things to do and wasn't in a contest mood. All I wanted was a little antenna check, and the QSO on 12 Meters with OM5DP in the Slovak Republic indicated the OCFD does haul the freight.

If you want an OCF Dipole in your yard, you'll need a pair of supports in the 30' or better range at least 100' apart. Running the wire on a true North-South line with the short wire at the South end works well for me. I used a pair of 30' push-up TV masts (easy to find at your local Handy-Guy mega-store) topped with 5' of gray 1.5" PVC conduit to give 3' of separation between the wire and mast. Glue a "T" fitting on the top as a wire guide, then cut four slits in the bottom and hose clamp it to the mast. You'll need 140' of 12 or 10 gauge THNN wire, solid preferred, two toroid cores of Mix 61 or 43 material, plus the usual rope and hardware. In my case, I bought some mid-sized Mix 43 (850µ) toroids on eBay last year. Although 125µ is the textbook choice for HF, the 850µ cores have worked well with fewer turns.

You can make a career out of comparing all the variations of the OCF Dipole and, as the old joke says, six web pages will give you the eight best ways to build one. Here's mine: First, you build a two-core 4:1 Guanella 'current' balun. Don't use a Ruthroff 'voltage' balun, stacked cores on beaded coaxial lines, or a single-core Guanella with this antenna. The dual-core (or dual rod) 4:1 Guanella is as close to 'transparent' as any balun I've used and I tried plenty of different baluns when I was tinkering with the terminated long wire. Trust me on this. You'll find a ferrite rod design (same wiring as a toroid balun) at www2.dynamite.com.au/vk1brh/CM4Balun.htm. Mine are wound with 18ga stranded silver-teflon on beefy little 1" OD toroids

about 3/4" long that hang an inch or two below the insulator. Drop the RG-8X coax feed straight down to the ground and I used RG-213 from there to the shack. This makes a break point for maintenance, mowing and the ground rod I'll install whenever I get around to it. Waterproof the barrel splice with Scotch 33 or 88 PVC tape. (don't waste your money on cheap electrical tape as you may regret it after the first good rain) For the 'Magic Wire Lengths', I found 45' 6" on the short side and 138' overall tip-to-tip is a good start. Prune the long side (only) in 3" steps until the bands drop in where you want them. If you're a CW guy, you probably won't cut anything. And, in case you're wondering how you squeeze 138' of wire between supports 100' apart, the ends droop. The masts here are 120' apart with the wire tips coming down at a 25 degree angle.

You can learn more about the OCF Dipole at <http://www.cebik.com/groundup.html> as well as other antennas worth considering. It's an excellent series of articles and well worth your time, although some of the charts for the 80 Meter OCF Dipole are a bit contradictory and some of the text needs a little editing. Another good source for links to antenna projects can be found at <http://www.dxzone.com>. Be sure to visit www2.arrl.org/tis/info/pdf/9008028.pdf to see how a pair of shorter wires can be added for 30 and 15 Meters. I'll be doing that to mine, but it's been working so well I'm not inclined to 'fix' it just yet. You'll also find a variation on the feed method at <http://users.erols.com/k3mt/windom/windom.htm>, but I'm a bit leery about the balun design used by K3MT as I've had better luck with Jerry Sevick's three-core model. Look it over, and when you need a break from antennas, <http://www.hypertools.com> can be amusing for the formerly OD OM.

Another web page worthy of your click is <http://www.mods.dk> where you'll find a large assortment of little tricks you can do with some of the gear you might own. As an example, if you have an ICOM IC-W32A dual-band HT, you may want to try this: With the power off, press and hold the BAND and SQUELCH buttons, then turn the power on as you continue holding BAND and SQUELCH for five seconds. Why would you do that? Switch the UHF (left side) display to VFO, then punch in 999.990 MHz from the keypad. Taa-Daa! The receiver accepted the entry because you now have wide-band RX up to 1 GHz.

It's cellular-blocked, but in the Tulsa area I'm hearing plenty of PD activity around 603 and 858 MHz with good sensitivity on the stock rubber duck and I didn't lose any of the memories. Owners of newer Yaesu rigs will find diagnostic codes that allow them to twiddle the processor, but, as with any mod, think twice and know when to quit, especially with the hardware mods. Break it, and you will own both pieces. (!)

Speaking of mods, the most important one you can take advantage of is to **VOTE ON NOVEMBER SEVENTH!** I believe you have no right to complain about "Th' Guvamint" if you don't vote. And, like they say in Chicago: Vote early and often. It does make a difference! — AC5UP

OPDX Bulletin - Internet Edition

The Ohio/Penn DX PacketCluster
Editor Tedd Mirgliotta, KB8NW
Provided by BARF-80 BBS Cleveland, OH

3A, MONACO

"The 59(9) DX Report," says listen for Willi, DJ7RJ to be active from October 1-20th as 3A/DJ7RJ including Topband operation (1832 kHz). QSL via home call.

3B6, AGALEGA

Carlos, CT1END reports preparations for this DX'pedition will soon be completed. On September 23rd Karl, HB9JAI and Jack, F6HMD will travel to Agalega to make final preparations while the rest of the crew arrives on October 1st. Activity begins October 8th and ends on the 25th.

3B8, MAURITIUS

Listen for DL7DF and DL7BO from November 3-17th. No call signs were mentioned, but they will operate from 3B8 using a beam plus a vertical for 80 and 160 Meters. QSL via the DARC bureau to DL7DF or direct to: Sigi Presch, DL7DF, Wilhelmsmuehlenweg 123, D-12621 Berlin, Germany.

3W, VIETNAM

"The 59(9) DX Report" claims that Hans, WAILWS plans to be active from here November 9-26th. (including the CQ WW CW Contest) He operates CW exclusively and has applied for 80, 40, 20, 15 and 10 Meters, but 80/40 Meters may be doubtful.

3XY2, GUINEA

"The 59(9) DX Report" reports that Dan, VE2DPS has returned to Conakry as

3XY2D, but has some antenna problems that will be resolved. QSL via W3HNK.

4W, EAST TIMOR

Dennis, K7BV has updated the 4W/K7BV (4W6DX) East Timor DXpedition Web page. The site contains up-to-date info on the operation scheduled for October 8-16th and can be found at:

<http://www.qth.com/k7bv/timor/>

5B4, CYPRUS

Listen for Dez, 5B4/GØDEZ to be active until 2003. He likes 17 Meter CW/SSB between 1830 and 0300z (sometimes as early as 1430z) and is hoping to obtain a 5B4 and ZC4 callsign. QSL via GØDEZ.

5N, NIGERIA

Bogdan, 5N3CPR operates quite a bit of 17 Meter CW and is active between 2200 and 0100z around (or just below) 17080 kHz. He will be in Poland soon for some time off, but plans a return to Nigeria to resume his 5N3CPR operation in October. His home call and QSL route is SP5CPR.

9K2, KUWAIT

Listen for Bob, K4CY (ex-N6BFM) to return to Kuwait. He plans to reactivate his old call sign, 9K2ZZ and may work some PSK31. QSL via W8CNL, direct only.

9X, RWANDA

Charlie, N4CT (ex-T5CT, SVØCT, G5BAU, GC5BAU, TJ1AW, K4PHY/YV5, DL5IX) will be in Kigali from January 12th through March 12th working at the U.S. Embassy. He is currently looking for a place to guest operate while there and would appreciate any info. His E-mail address is: n4ct@onebox.com

A3, TONGA ISLAND (also Fiji)

Hrane, YT1AD and Dragan, Z32AU will be active as A35AD and A35AU until October 28th. After Tonga Island they will be operating as YJØAD and YJØAU from October 28th to November 5th, then return to Fiji as 3D2AD and 3D2AU November 5-10th. Activity will be CW and SSB on all HF bands including 6 Meters. QSL via YT1AD and Z32AU.

A5, BHUTAN

TN7A, HKØ, etc will be active from Paro, Bhutan from October 27th to November 3rd. They will operate on all bands 160-6 Meters, SSB / CW / RTTY (call signs not mentioned). Some will participate in the CQWW DX SSB Contest while others will be active on CW & RTTY in the WARC

bands. QSL all call signs via JH1NBN: Yoosuke Uchiyama, 924-4 Yokokawacho, Hachioji, 193-0823 JAPAN.

Charly, K4VUD announced: "I have it on good authority that I will be able to use at least 1000 watts xmit power in Bhutan (A5) during my trip in early December. At this time I do not have a 1 kW linear, but the permission is good news. I want to try 160, 80 and 40 and am inquiring about a 580 foot straight line beverage installation. With Bhutan's wind (the thunder dragon!) a balloon vertical is out of the question, but antenna suggestions are welcome. You can e-mail Charly at: k4vud@hotmail.com

The A52FH op is now history. Activity ended September 14th at 0125z on 20 Meter CW. The team made 14,015 QSO's but this is not the final result. Mark, F6JSZ reports the team appreciates everyone who worked them, and especially Rafik, F5CQ and Laurent, F8BBL the two pilot stations. It was a fabulous experience to operate from Bhutan, and on the last week, F5LMJ and F2VX installed a 40/80m Dipole and Cushcraft R8 vertical with an FT-900, TS-440 and FL-2100Z at the radio club of Thimphu. On September 12th, at 1500z, the first QSO was made by Thinley Dorji, General Director of Telecommunications in Bhutan with the new A51AA call. Later that week Peter, ON6TT operated A51AA and was last heard September 16th.

AX9, NORFOLK ISLAND

"The Daily DX" reports that a multi-national team of YL operators from seven countries will be active as AX9YL from October 5-12th. The team will be active on CW and SSB. The special call sign was granted by the WIA (Victoria) for this trip, so QSL's will be via the VK3 bureau or direct to VK3DYL, Gwen Tilson, 3 Gould Court, Mt Waverley, Victoria 3149, Australia with return postage and SAE.

CN8, MOROCCO

The Bavarian Contest Club will operate as CN8WW from Morocco in the upcoming CQ WW Contests as a Multi / Multi team to offer a good chance to work CN on all bands from 160-10 Meters. There will be a new picture QSL card for this activity and a special card for those who work them on 5 or 6 bands in honor of their performance.

CQ WW Contest SSB (October 28-29): QRG's (+/- QRM): 1840 / 3799 / 7099 / 14255 / 21355 / 28455 kHz

CQ WW Contest CW (November 25-26): QRG's (+/- QRM): 1833 / 3503 / 7003 / 14033 / 21033 / 28033 kHz

Before and after the contest they will operate as 5C8M in CW, SSB, RTTY on 6 Meters and the WARC bands. More info is at: <http://www.dl6fbl.de/cn8ww/> QSL cards for CN8WW and 5C8M to DL6FBL (bureau or direct): Bernd Och, Christian-Wirth-Str. 18, D-36043 Fulda, Germany.

D4, CAPE VERDE (IOTA operation)

Manuel, EA8BYG and Jose, EA8EE will be active near the capital of Mindelo from the Island of Sao Vicente (IOTA AF-86) November 1-8th. They will operate from Carlos', D44AC QTH with his call on all HF bands around the IOTA freqs including 17 & 12 Meters and 50 MHz. (grid locator HK76KM) Modes will be CW, SSB, RTTY, PSK31, HELL, STREAM, MT63, SSTV and PACTOR. QSL to EA8URL. (Gran Canaria DX Group)

D6, COMOROS

The Five Star DX'ers Association, closely linked to the CDXC (Chiltern DX Club) and UK DX Foundation, announce a three week DX'pedition as D68C February 6-26th using a Titanex Vertical and RX antennas for 160 Meters. This will be an all mode, all band operation with 6 stations active and the multi-national group is looking for sponsors to help with the high cost of the operation. For more info, contact Don Field, G3XTT via E-mail at g3xtt@lineone.net

E3, ERITREA

Bavarian Contest Club (BCC) members Chris, DL5NAM and Dieter, DF4RD will be active from Asmara, the capital city of Eritrea (and 7th most wanted entity), from October 17th through November 1st. Their activity will be on 160-6 Meters SSB, CW, RTTY and PSK31. Call signs and QSL info will be announced upon their arrival. Any donation or sponsorship is welcome (the call signs cost 1,000 USD). For more information, contact Chris, DL5NAM via E-mail to: dl5nam@web.de or visit <http://www.qsl.net/e30>

FG, GUADELOUPE

Four members of the Florida DXpedition Group (FDXPG) Bob, KR4DA; William, N2WB; Bill, W4WX and Clarence W9AAZ, will be here October 24-31st. They will be a Multi-Single entry in the CQWW Contest as FG5BG. Listen for them before and after the contest signing

FG/homecall on CW, RTTY and SSB. QSL FG5BG to KR4DA, FG/N2WB to N2OO and all others to homecall. For more info, visit the following Web pages:

<http://www.geocities.com/n2wb23/>
<http://members.xoom.com/FDXPG/>

HF & 3Z, POLAND (Special Events)

Now through November 6th, listen for **HF6WR** marking the 1,000th anniversary of Wroclaw City in Poland. Activity will be on 80-10 Meters and 6 & 2 Meters with your best chance on 15 Meters between 1400 and 1930z. QSL to SP6ZDA through the bureau or direct to: Scouts Radio Club SP6ZDA, Box 41, 51-673 Wroclaw 9, Poland. A special diploma is available. For more information, visit:

<http://www.wroclaw.tpsa.pl/user/sp6pwr>

The Polish special event station, **3ZØMM** will be active until November 30th to celebrate the millennium of the historic meeting of Polish King Chrobry with German Emperor Otton III in Szprotawa. QSL bureau or direct to SP3JHY: Jerzy Ryks, os.B.Chrobrego 3/IV/7, 67-300 Szprotawa, Poland.

J2, DJIBOUTI

"The 59(9) DX Report" claims Houssein, **J28FH** is a new operator in Djibouti using a 10 Meter only rig with a small amplifier (70w) to a mobile antenna 3 meters high. He is building a 3 element beam for the HF bands and frequents 28580 kHz after 1930z. QSL via WA2VUY.

KH5, KINGMAN REEF

A press release from the Kingman Reef / Palmyra DX Group was received from Garry Shapiro, NI6T that says, in brief, their DXpedition plans are on track. The Kingman Reef DXpedition team will depart Honolulu by air on October 15th for the Kiritimati Atoll (Christmas Island) in Eastern Kiribati. The team will then take the motor schooner "Machias" to Palmyra Atoll and Kingman Reef where they will join Mike, KH6ND who is currently active as **KH6ND/KH5**. During at least 12 days at Kingman, they will be active on all bands from 160 to 6 Meters on CW, SSB and RTTY with up to six stations. The expenses for this DXpedition include over \$50,000 for transportation and are largely dependent on assistance from individuals and DX organizations, especially those in Europe, to meet the costs. Contributions should be sent to: Tom Harrell, N4XP,

2011 New High Shoals Rd., Watkinsville, GA 30677.

MJ, JERSEY

Barry, **NØKV** (currently living in the UK as **MØCQS**) received permission from the Jersey Amateur Radio Society for use of their club station for the CQWW SSB Contest (October 28-29th) and associated operation. He will use the call **MJ/NØKV** from LaMoye, Jersey, Channel Islands, UK (Zone 14) as Single Op or Multi / Single. Operation before the contest will be CW / SSB starting October 22nd during local days and evenings. Jersey is IOTA EU-013. QSL via **NØKV**, Barry Mitchell, 12200 Boothill Dr., Parker, CO 80138

OHØ, ALAND ISLAND

The Aland Islands contest station **OHØZ** will be active in the CQ WW SSB Contest (October 28-29th) by Ari, **OH1EH** as a Single Op in the All Band category. QSL via: Ari Korhonen, **OH1EH**, Kreetalank 9A1, FIN29200 Harjavalta, Finland.

PACIFIC TOUR

(YJ - Vanuatu and A35 - Tonga)

Babs, **DL7AFS** and Lothar, **DJ7ZG** will be active as **YJØAYL** and **YJØAZG** (respectively) from Vanuatu September 30th through October 19th. They will travel to Tonga after October 21st (for an unknown period) to be active from A35. No bands were mentioned, but they plan to use SSB, RTTY, PSK31 and some CW. QSL via **DL7AFS**. For more information, visit <http://www.qsl.net/dl7afs>

SV9, CRETE

Geza, **HA4XG** will be active from EU-015 between September 28th and October 12th as **SV9/HA4XG/p** mainly on the WARC bands. QSL via HA QSL bureau or CBA.

TI8, COSTA RICA

A group of Hams from the Atlanta, GA area will operate from Quepos, Costa Rica (EJ79) for a week beginning October 7th as **K4QFF/TI8**. Satellite operation will include UO-14, AO-27, SO-35 and RS-13. QSL to **K4QFF**.

V2, ANTIGUA AND BARBUDA

The Frankford Radio Club *Team Antigua* will activate **V26B** for the CQWW SSB Contest on October 28-29th with plans to enter the Multioperator / Multi-transmitter category. Team members will be active on RTTY, PSK31, 160 meters and the WARC Bands starting October 25th and ending November 1st. There is a possibility of

some 6 Meter and Satellite operations as conditions permit. For a station description with photographs and rate charts for "The Team Antigua V26B Superstation", visit their page at: <http://www.frc-contest.org/>

V5, NAMIBIA

Frank, **V51AS** can usually be found on 30 / 20 / 17 / 15 Meter CW between 1930 and 2130z. Also, check 10 Meters after 1530z. It was reported by "The 59(9) DX Report" that he was heard on 80 Meters between 0200-0400z.

VKØ, MACQUARIE ISLAND

Alan's (**VKØMM**) Web page states the supply vessel "Polar Bird" is due at Macquarie Island by November 7th for the annual re-supply and will depart for Casey Station (Wilkes Land, Antarctica) on November 12th. The ANARE 2000 and ANARE 2001 crews will change over at that time. The ship is due back in Hobart, Australia before Christmas and **VKØMM** will be permanently QRT after November 12th. There is no licensed operator in the Macquarie Island Australian National Antarctic Research Expedition (ANARE) 2001 crew. Alan mentions there may be a minor operation as **VKØLD** from Casey Station and that he usually operates CW on 30 and 20 Meters with occasional SSB. For the latest information, visit <http://www.geocities.com/vk0ld/1.html>

VP5, TURKS & CAICOS ISLANDS

Frankford Radio Club members Frank, **WA2VYA**; Bruce, **WA3RHW**; Ken, **K2WB** and Jack, **N2VW** will operate from **VP5JM** on Providenciales (NA-002) from October 24-31st. They will be in the CQ WW DX SSB Contest (October 28-29th) as **VP5T** in the Multi / Multi category. Activity will be CW, WARC bands and PSK31 before and after the contest. QSL **VP5T** to **N2VW**. E-mail requests for **VP5T** bureau cards go to n2vw@arrl.net. QSL portable call signs to home call CBA.

XT2, BURKINA FASO

The German team of **DJ7UC**, **DL4WK**, **DL7BO**, **DL7DF** and **DL7UFR** will be active here October 10-15th on all HF bands plus 6 Meters CW/SSB/RTTY with an emphasis on the lower bands. QSL via **DL7DF**. For more details and updated info, visit <http://www.qsl.net/DL7DF/>.

XU, CAMBODIA

Toni, **EA5RM** and Pedro Luis, **EA7DBO** will be active from Sihanouk Ville in the southern part of Cambodia as **XU7ADB**.

They plan to arrive in Phnom Pehn on October 5th and, if customs does not delay them, will be on the air that evening and until October 13th. Operation will be 80-10 Meters SSB & RTTY with some CW. An online log and other info can be found at <http://www.qsl.net/xu7abd>. QSL via EA4URE at: Union de Radioaficionados Espanoles, Apartado 220, E-28080 Madrid, SPAIN

YJ, VANUATU

The Prairie DX Group announces their DXpedition to Vanuatu and Efate Island (OC-035) will be heard from November 18-28th. They will operate at least two stations around the clock (24/7) and maybe more on 160-6 Meters SSB, CW, RTTY, SSTV and PSK31. During the DXpedition they are planning a sub-trip to one or more of the rarer YJ IOTA's. They will participate in the CQWW CW Contest from Vanuatu. (callsigns TBA later) QSL via N9PD direct (The Prairie DX Group, 1206 Somerset Ave., Deerfield, IL 60035 USA) or bureau. Please include SASE with postage, IRC or green stamp. Cards received without return postage will be returned via bureau. For more info, visit: <http://www.n9pd.com/> or e-mail Rick, KF9ZZ at: kf9zz@arrl.net

Alan, VK4BKM and Graeme, VK4FI will be active October 8-16th as YJØDX from Vanuatu on all bands, especially 6 Meters. QSL direct only via VK4JSR.

ZK1, NORTH COOK ISLANDS

Listen for Penrhyn Island (IOTA OC-082; Grid Locator BI11) from October 28th through November 4th as ZK1NDK and ZK1NJC (call signs being requested, to be issued upon arrival). Operation will be CW, SSB, RTTY on 160 thru 6 Meters. Suggested 160 Meter frequency is 1832.5 kHz (QSX 1837.5 kHz and UP, QSX 1815 kHz for JA). Six Meter activity will be on 50.100 MHz (QSX 50.140 MHz and UP) and a 6m beacon (BREAKABLE) will be running on 50.100 MHz (send CQ CQ de ZK1NJC ZK1NJC QSX 50.140 K). QSL to JR2KDN (SASE, SAE+sufficient return postage or Bureau) to: Yuichi Yoshida, 4th Floor Kato Building, 529 Rokugaike-cho, Kita-ku, Nagoya, Japan 462-1112. E-mail QSL's are welcome (with return via the bureau) at: jr2kdn@pluto.dti.ne.jp

ZONE 23

Listen for Alex, RAØWA and RAØWAC to operate as RKØYWA/P from Tuva

(Zone 23, WAZ). This expedition will be from Sayanskij Mountain with no dates provided, but they will operate all bands including WARC. QSL via RAØWA

IOTA NEWS

AS-049 Takeshi, JI3DST will activate the Takara Islands (Kuchinoshima Tosima-Mura, Kagoshima-Gun, Kagoshima, JAPAN) between November 23-25th as JI3DST/8. Activity will be on 17, 15, 12, 10 & 6 Meters. QSL via the JARL Bureau (preferred) or direct (send NO USD, please) to: Takeshi "TAKE" Funaki, 2-18-26 Hannan-cho, Abeno-ku Osaka-city, OSAKA 545-0021 JAPAN

EU-063 A group including Mat, JW5NM plan to activate Axeloya in the Svalbard Archipelago. This is an extremely rare IOTA entity because it is so remote and off limits due to environmental concerns. This DX'pedition will be expensive and your financial support is welcome. E-mail to Rag: la5he@yahoo.no

FO, FRENCH POLYNESIA

Listen for Joel, F5JJW to be active as FOØSUC or FO/F5JJW from Mangareva (OC-063) October 10-18th, Moorea (OC-046) October 18-22nd and Tikehau (OC-066) October 22-26th.

Listen for Eric, F5SIH to be active as FO/F5SIH from Tahiti (OC-046) October 9-11th, Moorea (OC-046) October 12-15th, Huahine (OC-067) October 16-18th, Raiatea (OC-067) October 18-20th, Bora Bora (OC-067) October 20-24th and Rangiroa (OC-066) October 24-27th.

Marcel, ON4QM should be active from Hereheretue Island (OC-052) thru October and may return to Tahiti and activate Maupihaa (OC-057) until November 25th. QSL via ON4QM.

OC-067 Francisco, CT1EAT will sign FOØFRA October 24th thru November 2nd from Mai Mona Motu. He will operate during the CQWW DX SSB Contest and is not sure if he will use his home call /FOØ or a special call. QSL bureau to CT1EAT or direct to: Francisco Costa, P.O.Box 172, 7801-902 Beja, Portugal.

OC-212 A team of VK operators will use the call VI2BI from Broughton Island, October 6-15th. Activity will be on most bands for the duration of the operation, SSB, CW, 10 Meter FM and (hopefully) PSK31. The team will arrive on the island

by 0200z October 6th, and they hope to be on the air around 0500z working N5UW.

OC-234 (Browse Island Saga Updated!)

Alan, VK4AAR sends the following: "I apologize that I didn't follow up with the drama on Browse Island. Things were happening and I was spending a great deal of time on the phone to authorities and the wives of the team (scattered all over the Northern territory and Western Australia). The outcome was that the operators were picked up by an Australian naval vessel and eventually delivered safely to Darwin. The skipper has stayed with the beached catamaran (that is his home) and believed it could be re-floated even if he worked alone. He has a radio that is being monitored. Browse Island produced only 2,500 (approx) QSO's as the crew spent most of their time digging sand away from the vessel sitting above the high water line. The expedition was more costly than expected due to the storm and, if you are able, please donate a little something with your QSL card. It will be appreciated."

J8, ST. VINCENT

Listen for Angel, WA2VUY; Peter, NO2R, and Douglas, W2EN operating from "The Grenadines" (NA-025) October 23rd through 31st as J8/homecall prior to the CQWW SSB Contest and hope to use a special call for the contest. Activity will be on all bands, CW & SSB. QSL via W2EN.

MISCELLANEOUS NEWS

XW1UD DXCC STATUS (And A5 info) Charly, K4VUD has finally found a local Laotian man to translate the XW1UD paperwork from Laos and will present it in person to ARRL DXCC personnel at the "W9DXCC Bash" in Chicago. ADDED NOTE: Charly is still planning an A5 operation in early December 2000 and looking for an experienced 160m Op. His E-mail address is: k4vud@hotmail.com

DX MAGAZINE

MOST WANTED SURVEY 2000

Carl, N4AA and Editor of QRZ DX, asks DX'ers throughout the world to participate in DX Magazine's Most Wanted Survey 2000 at: <http://www.dxpub.com> The results will be published in the January / February 2001 issue of The DX Magazine and posted on the Web site in late January 2001. This survey is important to potential DX'peditioners as many use it to decide where and when to plan their trips.

NEW VK TAX GOES POSTAL

From: Alan Roocroft

Date: Wed, 30 Aug 2000

Starting 1 July 2000, a Goods and Services Tax (GST) was introduced to Australia as a tax reform. We will pay a little extra for many, but not all, things including postage stamps. Mail to destinations outside of Australia is free from GST but NOT internal mail. Consequently, Australia Post has introduced a special series of stamps for use on international mail and we must use these stamps or risk being taxed extra as the receiver is taxed if there is no reply address shown. They are being lenient with us now, but this will be enforced by 1st February 2001. It is now UNWISE for DX'ers to send envelopes with Australian stamps on their SASE's for return of QSL cards. If my reply address is on the envelope I will be charged for the tax. If my address is not on the envelope, you, the DX'er, will be taxed at your end. Please send ONLY "greens stamps" or IRC's. I prefer "green stamps" as they are more flexible and an IRC often costs more to buy. You may find it cheaper to use US dollars.

- almee@locknet.com.au

RSGB IOTA 2000 PROGRAM

There are numerous counters for premium points in September and October that are far too numerous to list here. The CDXC web pages (www.cdxc.org.uk) contain the full IOTA 2000 rules, island listings and FAQ pages updated regularly. The web pages also have conversion tables between the new IOTA's arising as a result of the publication of the IOTA Directory 2000 and the old IOTA's qualifying for the IOTA 2000 Programme. Remember, there are no charges for the IOTA 2000 awards and QSL cards are not required. The UK DX Foundation and CDXC are managing the IOTA 2000 Programme on behalf of the RSGB IOTA Committee.

Neville Cheadle, G3NUG
Chairman - CDXC (Chiltern DX Club)

SPECIAL EVENTS

Listen for the special event station K3G to be active from the U.S. Coast Guard Auxiliary Station in Philadelphia, Pa. from 1400z to 0000z October 21st. The station commemorates the Sixty First Anniversary of the U.S. Coast Guard Auxiliary. Suggested frequencies are: 7232, 14332, 21332, and 28332 kHz. A special QSL is available via NM3S, Dan Amoroso, 196 Dam View Drive, Media, Pa. 19063. For more info e-mail to NM3S@prodigy.net

The Greater Norwalk Amateur Radio Club (GNARC) will be operating a special event station to commemorate the visit of the traveling Vietnam Wall Memorial to Norwalk, Connecticut. The Club will be using the special event call K1V beginning October 12th, 1600z until October 16th at 0400z. Operation will be in the lower 25 kHz of the General phone portions of 80, 40, 20, 15 and 10 Meters. For specific frequencies, check for posts to DX clusters and at <http://www.gnarc.org> during the event. QSL to: K1V c/o GNARC, 324 Main Ave Box 115, Norwalk, CT 06851, USA. A 8.5x11 color certificate as well as a QSL card will be available. For the certificate, please include a 9x12 SASE with sufficient postage. For the QSL card ONLY a business sized SASE. A donation of 1 USD to defray printing is appreciated.

The Hampden County (MA) Radio Assoc. will operate special event WB1HOF (Hall of Fame) from the Basketball Hall of Fame in Springfield, Massachusetts October 14-15th to celebrate the latest crop of honorees. Operation will be 10 AM until 4 PM (EDT) October 14th and 10 AM until 2 PM (EDT) October 15th. Two stations will operate in the 40 and 15 Meter phone bands. A special QSL is available for an SASE to The Hampden County Radio Association WB1HOF, PO Box 562, Agawam, MA. 01001.

VU TEMPORARY FREQUENCIES

Jose Jacob, VU2JOS reports that from August 1st through December 31st, Indian Amateurs (VU) have permission to use 10.100 to 10.150 MHz and the spot frequencies of 50.350 and 50.550 MHz.

ANOTHER "SLIM" REPORT?

Jean Michel, F6AJA reports a station signing 5R8O has been very active lately and claims 5R8FL is their QSL Manager. 5R8FL knows nothing about this station.

Excerpts and distribution of The OPDX Bulletin are granted as long as KB8NW / OPDX / BARF80 receive credit.

FROM EHAM.NET

ALPHA/POWER TO GO "QRT"

Press release from: ALPHA/POWER, INC, Longmont, CO 7 September 2000
A message to all ALPHA customers, fans and friends... As many of you know, we sold Ehrhorn Technological Operations, Inc. several years ago. I subsequently repurchased the ALPHA amateur radio

amplifier line that long had been ETO's raison d'être, and incorporated it as Alpha/Power, Inc. Although I had devoted 25 years to ETO/ALPHA and wanted to pursue other interests long postponed, I also strongly wanted the ALPHA tradition to be carried on.

Fortunately, almost three years ago I was able to persuade John Brosnahan, WØUN to become president and technical director of Alpha/Power. Under John's leadership, Alpha/Power's worldwide reputation has continued to be enhanced even more. But a combination of health issues and family obligations now make it impossible for John to continue devoting all or most of his time to ALPHA operations.

We've had a great run of more than three decades "on top" ... I'm not willing to risk that ALPHA legacy. Nor am I aware of any person or entity with the resources to acquire ALPHA and protect the standards to which we've been dedicated for thirty-one years. In the event such interest does exist, however, we remain open to serious discussions. In the meantime... When the current run of ALPHA 87A and ALPHA 99 amplifiers is completed, we will terminate engineering and manufacturing operations.

Warranty and post-warranty service will still be available from ALPHA/POWER in Longmont, Colorado - at its current street and e-mail addresses, phone and FAX numbers. Every warranty will be honored in full. And, of course, this final batch of new amplifiers will carry ALPHA's standard 4-year, non-prorated limited warranty. ALPHA amplifier specs and photos are on our web site www.alpha-power-inc.com. For delivery and order information, call Scott or Dianne at (970) 535-4173.

73, and may The Power be with you!
DICK EHRHORN, WØID/W4ETO

Chairman & Founder
JOHN BROSNAHAN, WØUN
President & Technical Director

TWO HAMS SK IN WEST TIMOR

Two of the three victims of mob violence September 6th in West Timor, Indonesia, were Amateur Radio operators. Carlos Luis Caceres, KD4SYB of Jacksonville, Florida was 33. He was an ARRL member and native of Puerto Rico.

Pero Simundza, 9A4SP of Croatia, Samson Aregahegn of Ethiopia, and

Caceres, all United Nations relief workers, died September 6th when thousands of armed pro-Indonesian militiamen and their supporters stormed the UN office in Atambua, West Timor killing the three and injuring several others. Witnesses say Indonesian security forces stood by and did nothing to stop the violence. The killings were believed to be related to the murder of a militia leader the day before.

All three victims worked for the UN High Commission for Refugees, which provides humanitarian aid to refugees from East Timor that voted for independence from Indonesia last year and is administered by the UN. An estimated 90,000 refugees remain in West Timor border camps after fleeing violence in East Timor a year ago. In an eerie e-mail message reportedly sent to UNHCR Headquarters the day he was killed, Caceres spoke of the UN workers being barricaded at their stations waiting for "a wave of violence" to hit. "The militias are on the way," he wrote, "and I am sure they will do their best to demolish this office." Caceres told his colleague the remaining UN staff members were "like bait, unarmed, waiting for the wave to hit."

Caceres' sister, Elba M. Caceres, was among those wanting to know why no one was there to protect the workers who stayed behind. "I could not comprehend how the United Nations was not there to protect them," she said in a message to several US Department of State officials in which she described her brother as "an extraordinary man" and demanded an explanation for what led to the killings. Caceres' father, Gregorio Caceres, KA4UXJ said his son was fluent in several languages and held degrees in journalism and law. "His ability with different languages and his vast legal knowledge helped him perform at the international level," the elder Caceres said. Memorial Web sites for the two amateurs killed are at <http://www.qsl.net/kd4syb> and <http://www.qsl.net/9a4sp>.

ARRL CONTEST CALENDAR

*Reprinted with permission from
QST Contest Calendar — K5TR, Editor*

CONTEST CORRECTIONS:

- In the 1999 ARRL 10-Meter Contest, a file corruption error was discovered in the KØSR log for the Single Op, CW Only, Low Power category. On re-scoring the

entry, the totals become 809,360 points on 1509 QSO's with 134 multipliers. This change moves KØSR from second place to overall First Place in this category for W/VE stations.

- Also in the 1999 ARRL 10-Meter Contest, KØPC should be listed as Single Op, Mixed Mode instead of CW only. This moves him to Seventh Place in the category and moves WO2N to Tenth Place in the Single Op, CW Only, QRP category.
- In the 2000 January VHF Sweepstakes, the KB5MY multi-op station should have been listed in the SDG section instead of LAX. The call sign of WN9GUC in the IL section was misreported as WN9GWC.
- In the 1999 ARRL 160-Meter Contest, KØUK should be listed as Low Power instead of High Power in the CO section. W1OP should be listed as a multi-op entry with an operator list of W1IUX, W1GS, K1DT, K1JNJ and N1JDA.

WEEKEND OF OCTOBER 14 - 15

PENNSYLVANIA QSO PARTY

Sponsored by the Nittany ARC, 1600Z Oct 14 until 0500Z Oct 15 and 1300Z until 2200Z Oct 15. Send serial number and ARRL/RAC section. Single op QRP, medium (150W), QRO, or CW only (150W); multi-single, multi-multi, portable (single op or multi-single), Novice / Tech / Tech Plus, mobile, rover. Work stations once per band per mode. Work mobiles as they change counties. Stations on county lines are good for one QSO but multiple counties. Score 2 pts/CW QSO on 160 and 80; 1.5 pts/CW QSO on other bands; and 1 pt/QSO on phone. Multipliers are PA counties (67 max); ARRL/RAC sections and 1 for DX (150 max). CW 1.810 and 40 kHz up; phone 1.850 3.980 7.280 14.280 21.380 28.310; Novice/Tech 10 kHz up; mobiles 5 kHz below the above listed frequencies. Final score is QSO points × multipliers × 2 if QRP; × 3 if Novice/Tech. Add 200 points to final score for each QSO with W3HA. PA mobiles add 500 points for each county operated from where 10 or more QSOs were made. Awards. Send logs by Nov 15 to K3YV, Nittany ARC, PO Box 614, State College, PA 16804. E-Mail to na2x@arrl.net; web page at: <http://members.aol.com/doughdh/paqsoparty/paqsos.htm>.

FISTS CW FALL SPRINT

Sponsored by FISTS International CW Club, 1700Z until 2100Z Oct 14. CW only, QRP and QRO. 80 40 20 15 10

Meters. Work stations once per band. Exchange name, state / province / DXCC country, and FISTS number if you are a member (nonmembers send power output). Score 5 pts/QSO w/FISTS member and 2 pts/QSO w/nonmember. 10 points with FISTS Novice or Tech plus. Final score is QSO points × states / provinces / DXCC countries. 3.558 7.058 14.058 21.058 28.058. See <http://www.FISTS.org>. Send paper logs only within 30 days to Alan M. Tanner W8FAX, 3787 Trebein Rd, Fairborn, OH 45324.

VK / ZL / OCEANIA CONTEST, CW

Sponsored by the Wireless Institute of Australia, 1000Z Oct 14 until 1000Z Oct 15. Single operator all band/single band, multi-operator. Send RS(T) and serial no. Work VK/ZL/Oceania stations only. Score 10 pts/QSO on 80; 5 pts/QSO on 40; 1 pt/QSO on 20; 2 pts/QSO on 15; and 3 pts/QSO on 10. Multipliers are prefixes worked per band; final score is QSO points × multipliers. Awards. <http://www.wia.org.au/federal/contests.html>. Send logs postmarked by Dec 5 to VK/ZL/OC Contest Manager, 2 Moss Court, Kingsley, West Australia, 6206 Australia; vk6ne@upnaway.com.au.

WEEKEND OF OCTOBER 21 - 22

ARRL INT'L EME COMPETITION

Summary follows, See September QST, p. 103 for details or <http://www.arrl.org>. Object: Two-way communications via the Earth-Moon-Earth path on any authorized amateur frequency above 50 MHz.

Dates: Two full weekend 48-hour periods (0000 UTC on Saturday through 2359 UTC Sunday.) The 2000 dates will be the weekends of October 21-22 and November 18-19. Categories: Single Operator, Multi-Band, Single-Band and Multi-Operator.

Stations using equipment that is not amateur (such as a dish antenna for lab equipment owned by an institution or government agency) will have their scores listed separately. For a valid contact to occur each station must send and receive both call signs and a signal report in any mutually understood format, plus a complete acknowledgment of the calls and report. Partial or incomplete QSO's should be indicated on your log, but not counted for contest credit. Stations may be worked once per band for credit. There is no specified minimum terrestrial distance for contacts, but all communications for credit must be copied over the moonbounce path, regardless of how strong (or weak) a

nearby station's terrestrial signal may be. You may request the latest entry forms and rules by sending an e-mail to the ARRL Internet Infomail at info@arrl.org. The subject line is ignored. Enter the following text in the body of your message:

HELP
SEND EME.FRM
SEND EME.RLS
QUIT

ARKANSAS QSO PARTY

Sponsored by the Ozark Wireless Society. 0000-2359Z Oct 21. Stations may operate 18 hours of the 24 hour period. On / Off times must be clearly noted on log. CW, Phone, and PSK31. 80, 40, 20, 15, 10 Meters. Single Op, Multi-Op, Mobile. Only one transmitted signal at a time. Frequencies: CW--3.550, 7.050, 14.050, 21.050, 28.050. Phone--3.850, 7.225, 14.250, 21.300, 28.450. PSK 31--3580.15, 7070.15, 14070.15, 21080.15, 28120.15. Work stations once per band and mode. AR-to-AR contacts permitted. Work mobiles again as they change county / province / DXCC country. Exchange signal report and state / province / DXCC country. Arkansas stations send county. Three power classes for all categories: QRP (<5W), low power (<100W), and high power (>100W). Count 1 point per phone QSO, 2 points per CW and PSK 31 QSO, 5 points per each QSO with bonus club stations **K5OWS** (Ozark Wireless Society) and **W5YM** (University of Arkansas). Count multipliers only once. Multipliers for Arkansas stations: 50 states, Canadian provinces, and 1 DXCC multiplier. For non-Arkansas stations: Arkansas counties (75). Final score: Multiply QSO points × total multipliers × the power multiplier (<5W × 3, <100W × 2, >100W × 1). Awards. Send logs by Nov 30 to Ozark Wireless Society, c/o Don Banta, W5RL, 2005-A Sycamore Pl, Springdale, AR 72762.

ILLINOIS QSO PARTY

Sponsored by the Radio Amateur Megacycle Society, 1800Z Oct 22 until 0200Z Oct 23. Phone and CW. No repeater QSO's. 160 80 40 20 15 10 6 2 Meters. CW 50 kHz up from the bottom; Phone 3.890 7.290 14.290 21.390 28.390; Novice 30 kHz up from bottom for CW. IL stations exchange RS(T) and county; others exchange RS(T) and state / province / DXCC country. Count 1 pt/QSO on phone, 2 pts/QSO on CW. Work stations once per band and mode, and once per

band/mode/county for IL mobile stations. If you operate mobile you must use the mobile's call exclusively for the duration of the contest. Contacts with/by mobile stations on border of two counties count as two counties and two QSO's. IL stations multiply QSO total by sum of states, IL counties, VE provinces plus a maximum of five DXCC countries. Count additional DX for points, but not multipliers. Others multiply QSO points by the number of IL counties worked. All stations may take one bonus multiplier for each eight QSO's with the same IL county. Awards. Send entries by Nov 15 to RAMS, c/o John Matz, KB9IL, 7079 West Ave, Hanover Park, IL 60103. <http://www.megsnet.com/~jematz/rams.html>

RSGB 21/28 MHZ CONTEST, CW

Sponsored by the RSGB, 0700Z until 1900Z Oct 22). Exchange RS(T) and serial number (UK stations also send three-letter county code). Work UK stations only. Count 3 pts/QSO. Final score is QSO points × county codes worked per band. Send logs to Steve Knowles, G3UFY 77 Bensham Manor Rd, Thornton Heath, Surrey CR7 7AF, England.

QRP ARCI FALL QSO PARTY, CW

Sponsored by QRP ARCI, 1200Z Oct 21 to 2400Z Oct 22. Single band, all band, high (20 15 10 6) or low (160 80 40) band. Operate no more than 24 hours. Work stations once per band. Exchange RST, state / province / DXCC country, and ARCI number (if nonmember, send power output). 1.830 3.560 3.710 7.040 7.110 14.060 21.060 21.110 28.060 28.110 50.128. Score 5 pts/QSO w/members, 2 pts/QSO w/nonmembers on same continent and 4 pts/QSO w/nonmembers on different continents. Final score is QSO points × states/provinces/DXCC countries × power multiplier (> 5W, ×1; <5 W, ×7; <1 W, ×10; <250 mW, ×15). Send entry to Joe Gervais, AB7TT, PO Box 322, Peoria, AZ 85380-0322; vole@primenet.com; <http://www.qrparci.org/>.

ASIA-PACIFIC SPRINT, CW

Sponsored by Asia-Pacific Sprint Contest Committee (APCC) 0000Z- 0200Z Oct. 21. The object is for stations in the Asia-Pacific region to work as many stations world-wide as possible within two hours, on 15 and 20 Meter CW. Suggested frequencies are 21030-21050 and 14030-14050 kHz. Output power is limited to 150 W. Exchange RST + serial number, and

count one point per valid QSO. The called station (usually the CQ'er) must QSY at least 1 kHz after a CW QSO, or 6 kHz after an SSB QSO. The multiplier is the total number of prefixes, per WPX rules (ie, each prefix once only, not once per band). Final score equals valid QSOs × multiplier. Send your log within 7 days after the end of the contest to: James Brooks, 26 Jalan Asas, Singapore 678787, or e-mail jamesb@pacific.net.sg within 72 hours. For more info: <http://www01.u-page.so-net.ne.jp/ja2/jeljkl/apsprint.html>.

WORK'D ALL GERMANY CONTEST

Sponsored by The Deutscher Amateur Radio Club, 1500Z Oct 21 to 1459Z Oct 22. 80 40 20 15 10 Meters; SSB and CW. Single Op, All Band, Single Band, QRP, Multi Op Single Transmitter and SWL. Packet spotting allowed for all classes. Work German stations; Non-German stations send RST and QSO number; German stations send RST and DOK (local area code). Work stations once per band and mode. Three points per QSO. Multipliers: non-German stations count number of German districts on each band regardless of mode (max 26 per band). Germans count DXCC/WAE countries per band. Final score is QSO points × total multipliers. Awards. Send logs by Nov 20, Klaus Voigt, DL1DTL, PO Box 12 09 37, D-01010 Dresden, Germany. E-Mail to: wag@darcd.de or visit their web page at: <http://www.darc.de/referate/dx>.

JARTS WW RTTY CONTEST

Sponsored by JARTS, 0000Z Oct 21 to 2400Z Oct 22. RTTY only, 80, 40, 20, 15, 10 Meters. Single Op, Multi Op, SWL. Work stations once per band, exchange RST and age, multi op must send 99 as the age. Count 2 pts for QSO's within your continent, 3 pts per QSO outside your continent. Multipliers are DXCC countries excluding JA, W, VE and VK. JA, W, VE and VK call areas are multipliers. Count multipliers once per band. Do not count your own call area or country as a multiplier. Score is QSO points × total multipliers. Awards. Use separate logs sheets for each band. Send logs by Dec 31 to JARTS Contest Manager, Hiroshi Aihara, JH1BIH, 1-29 honcho, 4 Shiki Saitama 353, Japan.

WEEKEND OF OCTOBER 28 - 29

CQ WW DX CONTEST, PHONE

Sponsored by *CQ Magazine*, 0000Z Oct 28 to 2400Z Oct 29 (CW is 0000Z Nov 25

to 2400Z Nov 26). Exchange RS(T) and CQ zone. Classes: Single operator all band/single band/assisted, high power/low power (<100 W)/QRP (<5 W); multi single, multi multi. Multi-singles have a 10 minute rule. All classes may only have one transmitted signal per band. Work stations once per band. Team and club competition. North American stations score 2 pts/QSO w/ stations in different countries on the same continent and 3 pts/QSO w/stations on different continents; stations in the same country may be worked for zone credit, but no points. Multipliers are CQ Zones and countries (DXCC +WAE). Final score is QSO points \times multipliers. Awards. Send logs by Dec 1 (Jan 15 for CW) to: *CQ Magazine*, 25 Newbridge Rd, Hicksville, NY 11801. E-Mail to ssb@cqww.com or cw@cqww.com. For more information see <http://cqww.com/cqww/>.

TEN-TEN INTERNATIONAL NET FALL CW QSO PARTY

Sponsored by Ten-Ten International, from 0000Z Oct 28 to 2400Z Oct 29. Single op only, CW on 10 Meters only. Categories: Individual, QRP, Club. Contacts must be in CW sub-band. Exchange call, name, state / country and 10-10 number (if member). Score 1 pt/QSO w/nonmembers and 2 pts/QSO w/members. Final score is QSO pts \times prefixes. Awards. Send logs by Nov 15 to: Gateway Chapter, Don Ward, WØRTV, 4514 Ferrer Dr, St Louis, MO 63129-3741. <http://listserv.lehigh.edu/lists/tenten-l/rules.html>.

OCTOBER 28 - 30

YLRL YL ANNIVERSARY, PHONE

Sponsored by YLRL, 1400Z, Oct 21 to 0200Z Oct 23. All licensed women operators throughout the world are invited to participate. Exchange QSO number, RS(T), and ARRL section/VE province / country. All YL's within one of the U.S. ARRL sections or within a Canadian province score one point for each QSO with another station located within a section or province. Score two points for each contact with a station not located within an ARRL section or province. Multiply the number of contact points by the total number of different sections, provinces and countries worked. Logs must also state the power output used. If you have 200 or more QSO's, submit a separate log for each band and submit a "dupe" sheet. Logs must show claimed

score. Logs must be sent within 30 days after the end of the contest to: Cleo Bracket, KØJFO, 810 Towne Square Dr, Fremont NE 68025. For more info visit <http://home.earthlink.net/~tenmtryl/ylrl/>

W1AW QUALIFYING RUNS

Are 10 PM EDT Wednesday, October 4, and 4 PM EDT Thursday, October 19. The K6YR West Coast Qualifying Run will be at 9 PM PDT on Wednesday, October 11 (10-40 WPM). Check the W1AW schedule in *QST* for details.

OCTOBER/NOVEMBER SUMMARY

(Courtesy Of Bruce Horn, WA7BNM)

OCTOBER, 2000

RSGB 21/28 MHz Contest, SSB	0700Z	- 1900Z, Oct 1
TARA PSK31 Rumble	0000Z	- 2400Z, Oct 7
Oceania DX Contest, Phone	1000Z, Oct 7	- 1000Z, Oct 8
EU Autumn Sprint, SSB	1500Z	- 1859Z, Oct 7
California QSO Party	1600Z, Oct 7	- 2200Z, Oct 8
Iberoamericano Contest	2000Z, Oct 7	- 2000Z, Oct 8
10-10 Day Sprint	0001Z	- 2400Z, Oct 10
Oceania DX Contest, CW	1000Z, Oct 14	- 1000Z, Oct 15
YLRL Anniversary Party, CW	1400Z, Oct 14	- 0200Z, Oct 16
EU Autumn Sprint, CW	1500Z	- 1859Z, Oct 14
Pennsylvania QSO Party	1600Z, Oct 14	- 0500Z, Oct 15 and 2200Z, Oct 15
FISTS Fall Sprint	1700Z	- 2100Z, Oct 14
Asia-Pacific Sprint, CW	0000Z	- 0200Z, Oct 15
North American Sprint, RTTY	0000Z	- 0400Z, Oct 15
RSGB 21/28 MHz Contest, CW	0700Z	- 1900Z, Oct 15
JARTS WW RTTY Contest	0000Z, Oct 21	- 2400Z, Oct 22
Rhode Island QSO Party	0000Z, Oct 21	- 2400Z, Oct 22
QRP ARCI Fall QSO Party	1200Z, Oct 21	- 2400Z, Oct 22
Worked All Germany Contest	1500Z, Oct 21	- 1500Z, Oct 22
Illinois QSO Party	1800Z, Oct 22	- 0200Z, Oct 23
2000 6m Activity Contest	1800Z	- 2200Z, Oct 24
CQ Worldwide DX Contest, SSB	0000Z, Oct 28	- 2400Z, Oct 29
10-10 Int. Fall	0001Z	- 2400Z,

Contest, CW	Oct 28	Oct 29
YLRL Anniversary Party, SSB	1400Z, Oct 28	0200Z, Oct 30

NOVEMBER, 2000

Ukrainian DX Contest	1200Z, Nov 4	- 1200Z, Nov 5
ARRL Sweepstakes Contest, CW	2100Z, Nov 4	- 0300Z, Nov 6
High Speed Club CW Contest	0900Z	- 1100Z, Nov 5 and 1700Z, Nov 5
Japan Int. DX Contest, Phone	2300Z, Nov 10	- 2300Z, Nov 12
WAE DX Contest, RTTY	0000Z, Nov 11	- 2359Z, Nov 12
OK/OM DX Contest, CW	1200Z, Nov 11	- 1200Z, Nov 12
LZ DX Contest, CW	1200Z, Nov 18	- 1200Z, Nov 19
IARU Region 1 160m Contest, CW	1400Z, Nov 18	- 0800Z, Nov 19
LI/NJ-QRP Doghouse Operation Sprint	1700Z	- 2100Z, Nov 18
ARRL Sweepstakes Contest, SSB	2100Z, Nov 18	- 0300Z, Nov 20
RSGB 1.8 MHz Contest, CW	2100Z, Nov 18	- 0100Z, Nov 19
CQ Worldwide DX Contest, CW	0000Z, Nov 25	- 2400Z, Nov 26
2000 6m Activity Contest	1800Z	- 2200Z, Nov 28

DOCTOR DX:

Dear Dr. DX:

Years ago, I used to enjoy working on my hollow-state rigs and was known to home-brew a few items for the shack. Since then, my eyes are starting to go, my hands shake, I have to run to the bathroom every 15 minutes and my soldering iron isn't as hot as it used to be (if you know what I mean). Now they're building everything with SMT parts. What's an OM to do?

Signed: A Capital 'O' OM

Dear Coffin-Bait:

Just when you thought it couldn't get any worse, this article appeared in the San Francisco Chronicle on Monday, Sept. 18, by Carl T. Hall, Chronicle Science Writer:

A single soccer-ball-shaped molecule of carbon sandwiched between gold electrodes has been fashioned into the smallest transistor ever built, scientists recently reported. The tiny device, made by a team of physicists and chemists at the Lawrence Berkeley National Laboratory, is the latest wonder to emerge from the field known as nanotechnology, in which scientists are busy trying to fashion the

working parts of a new generation of electronic devices.

The fruits of these labors are too small to be seen, measured on the scale of nanometers, or billionths of a meter. And for now, they amount to little more than laboratory curiosities. But experts say it may someday be possible to incorporate single-molecule switches and tiny wires into unimaginably small supercomputers and "smart" devices.

"It's going to happen, and it's going to happen in our lifetimes," said Mike Naughton, a physicist at Boston College who has been trying to coax arrays of elongated carbon wires, called nanotubes, to self-assemble in useful ways. A report on the carbon-60 transistor project appeared this month in the British journal *Nature*. The research team was led by physicist Paul L. McEuen and chemist A. Paul Alivisatos, both of the Lawrence Berkeley lab and the University of California at Berkeley, and Hongkun Park, formerly of the Berkeley lab and now at Harvard University.

In a separate commentary appearing in the same science journal, physicist Leo Kouwenhoven of Delft University of Technology in the Netherlands said the researchers had succeeded in harnessing

"the natural motion of molecules that are loosely bound to a gold surface." Exotic as that may sound, some practical applications already seem apparent to nanotechnology pioneers.

"The mechanical control of nanoscale objects will mean smaller, faster and more efficient versions of existing micro-electromechanic structures, an example of which is the accelerometer that triggers air bags in vehicles," Kouwenhoven noted.

"Making something out of a single molecule like this is quite an achievement," said Eric Wong, a physical chemist researching molecular electronics at the University of California at Los Angeles. The new gizmo is the smallest example yet of the circuit-controlling workhorses known as "field-effect transistors." It works like a subway turnstile for commuting electrons -- electrons so well-controlled that just one particle at a time can be made to file through the gate, jumping from one gold surface to the other and then back again. The Berkeley researchers first had to find a way to get the gold electrodes close enough together to capture single carbon molecules, rather than clumps of molecules that would gum up the subtle electrical and quantum forces that drive the single-molecule device.

"It's a beautiful piece of work in that sense," Naughton said. "They had to find a way to make the gaps small enough, and then they found a way to make the carbon molecules situate themselves in that gap. So once they did that, they had the makings of a transistor." The transistor works by applying a minute charge to the carbon-60, inducing a single electron on one electrode to hop off, bore through the "soccer ball" -- an effect known as "quantum tunneling" -- and then hop on the other electrode. The single-electron current caused the carbon-60 to quiver as though suspended by tiny springs. In effect, the hopping electrons turned each little soccer ball into a "nanomechanical oscillator."

It could point to a new strategy for memory storage in which a system of nano-scale switches and valves would hold the information. Many biological systems work along similar lines, such as the ion channels that control the flow of charged particles into and out of the cells of our bodies. "There's so much excitement here that you can see a lot of opportunity to make little systems where you apply a voltage and have something move," McEuen said.

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Flight #16 and More

By Jerome Doerrie, K5IS

k5is@hotmail.com

Tri-State Amateur Radio Group

The 16th balloon flight in the Perryton High School "Reach for Space Weather Balloon Project" is set for 9:00 AM. on Saturday, October 21, 2000. The launch location will be the QTH of K5IS and N5IS, some 4 miles northwest of Booker, Texas. The main purpose of this flight is to test APRS, which uses GPS equipment on the balloon to send back the balloon's position throughout the flight. The present 75% recovery rate is not acceptable with sophisticated payloads and student experiments on board! Since no one system is 100% reliable, manual tracking will still be needed in case something goes wrong with the APRS.

The aircraft industry relies on 121.5 MHz emergency locator transmitters (ELT); however, very few people have equipment and training on how to "fox hunt" these signals. A couple of times I have been called upon to determine which airplane was transmitting a signal. Sometimes when pilots land too hard, the ELT goes off, and the pilot does not know this has happened. While the military has satellites that can detect an ELT signal, it still takes people doing a ground search to find the ELT. As part of our public service, we hams can add ELT receivers on our repeaters that would tone-alert us to the need to go out and do a search. Chasing balloons is excellent training for locating ELTs.

Being involved in emergency communications with both RACES and ARES, I have experienced the need to be prepared for any and every thing. I certainly never expected to be called upon to help search for a lost buffalo. What does a 2500 lb. buffalo do and where does it go? Wherever and whatever it wants to! Regular pasture fences and wooden cattle pens do not contain buffalo very well.

I answered the telephone, "Hello, Doerrie residence."

"Jerome, is Patricia (the first wife and a pilot) there?"

"No, she is not, may I help you?"

"Maybe, this the Sheriff, and I was wondering if she would go up and look around. My deputies have been looking for a buffalo for two days and have lost its trail."

"I think I can locate her and I expect she would be willing to fly. Did one of the buffalo at Lake Fryer get loose?"

"Yes, and we have other things to do, so we need to get that buffalo found."

"Has anyone looked down at Erlick Wilson's south barn?"

"No, why would we need to do that?"

"Just a hunch. I'll get ahold of Patricia and see how quickly we can get air borne. I will have Fred Flanagan, WB5ZRC, to come down to the jail so we can have some communications via our ham radios. I'll give a call on the radios when we are in the air. Bye."

A couple of quick telephone calls into Perryton located Patricia. We agreed to meet at the airport in 20 minutes. I called Fred and

asked him to head to the jailhouse with his hand-held. I also called the airport manager, J. C., and asked him to warm up the plane and have it ready for us. I grabbed maps, binoculars, hand-held, extra batteries, a couple of soft drinks, and took something to prevent air sickness, then made tire tracks to the air port 15 miles away. Patricia and I pulled into the parking lot at the same time. We whizzed through the terminal building and out onto the ramp where J C had the Cessna. We did a visual inspection. Everything passed inspection, so we put our stuff and ourselves into the plane, revved up the engine, taxied out to the runway, checked air clearance and took off. After leveling out at 6000 ft, I called Fred.

"WB5ZRC, this is K5IS air mobile"

"Hi, Jerome, clear copy. What say?"

"See if you can find out where the deputies lost the trail."

"OK, I will, but I think one is reporting in over the radio now, I will get back to you in a second."

A little later, "K5IS, this is WB5ZRC the buffalo has been found,"

"Fred, ask them where they found it?"

"Jerome, they said something about the Erlick Wilson ranch!"

Son of a gun! The winds had been out of the east and northeast over the last two days. So, this confirmed my hunch-- buffalo are like cattle and drift down-wind. Wilson's place was the last spot with cattle where the buffalo could use its herd instinct and socialize with the cattle. Beyond this point was freedom in the Canadian River Valley. Since we were in the air with no where to go, we decided to do a flyover of our farm.

While this story is off the balloon topic, it is worth telling. We hams sometime look for more than "foxes!"

In Ballooning, each flight has many stories. Flight #3 was special in that Bill Brown, WB8ELK, an associate editor with 73 Magazine in New Hampshire came by to assist us. Bill is a very nice gentleman and really taught us much. The table gives a brief summary of our balloon activities. Hamming is more fun when shared! Our APRS signals should be put on the internet via a gateway in Amarillo. Plan to listen for our signals and send an e-mail report of what you hear. Let's have some fun!

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1	4-22-93	Perryton H.S.	Kaysam 1400	< 5	R	1 mile S of school
2	7-17-93	Perryton H.S.	1400	93	R	17 mi NW Perryton
3	11-13-93	Perryton H S	TA1200	162	R	120deg @77 miles near Leedy,OK
4	3-5-94	Perryton H S	TA800	174	L	North of Fargo,OK
5	4-19-94	WTSU Canyon,TX	TA100	75	L	NE Shamrock, TX
6*	2-18-95	Perryton H S	2-TA300	215	L	Freedom,OK area
7	4-2-95	Mooreland,OK	TA100	81	R	19.9 mi @ 47 deg
8	8-26-95	Vici, OK	TA300	77	R	4 mi @ 305 deg
9**	10-21-95	Slapout, OK	TA300	71	R	49 mi @ 110 deg
10	12-2-95	QTH K5IS	TA300	147	R	E of Capron,OK
11	4-13-96	Mooreland,OK	TA100	44	L	N of Mooreland
12	10-6-96	Higgins, TX	TA300	69	R	31 mi @ 72 deg SE Gage,OK
13	4-25-98	QTH K5IS	TA100	66	R	6 mi NE Freedom
14	4-17-99	QTH K5IS	TA100	113	L	S of Mobeetie,TX
15	4-28-99	QTH K5IS	TA800	265	R	13 mi N Spearman,TX
* Photograph on cover of Spring 95 issue QCWA Journal						
** Article in Sept 96 issue of CQ VHF Magazine						

California Tower Law

I'm' Tuck Miller, NZ6T with this late breaking story. Dateline, Sacramento, California where hams are being urged to write to governor Gray Davis and ask him to approve a recently approved measure. One that would help to insure the rights of California hams to put up towers and antennas. California Assembly bill SB-1714 finally worked its way through the Legislature on Monday, August 22nd. On that date the state Senate agreed to the several amendments made after initially approving the bill almost three months earlier. At the end of August, the bill was given to Governor Davis who has until the end of September to act on it. The Senate Appropriations Committee estimated that a study called for by the measure will cost the taxpayers between \$70,000 to \$100,000. Although that cost is small in comparison to the overall state budget, it's large enough to attract notice by the governor. And Gray Davis is known to pay very close attention to anything that costs the state money. The governor has until the end of September to act on SB-1714 and it now appears as if it will be up to California hams to convince him that they are important enough that he signs it into law. To do this, a letter writing campaign

has been started by several amateur groups around the state. All ask California hams to write, fax or e-mail Governor Davis and urge him to put his signature on SB-1714. Details on how California hams can do this can be found on the web at: www.qsl.net/arrlsw In San Diego, I'm Tuck Miller, NZ6T, reporting for Newsline.

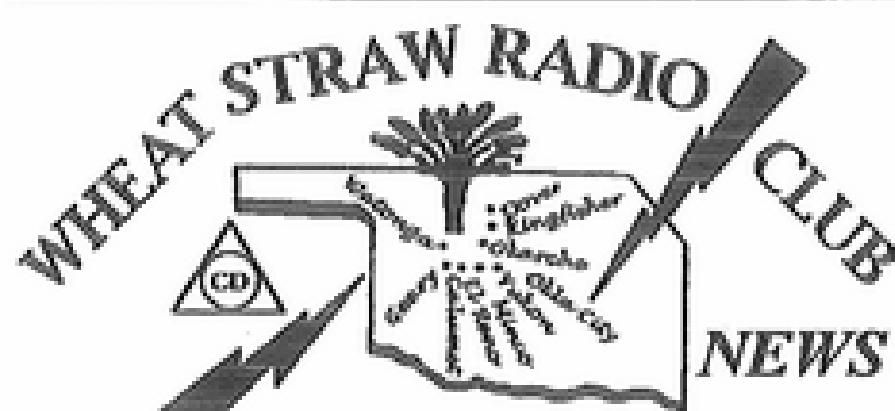
Spectrum Sales: Auction delayed till 2001

Communications regulators say they would postpone until March of 2001 an auction of frequencies due to be vacated in 2006 by television stations as they switch to digital transmission. This is because its doubtful that the tv stations will be off the air by that time. FCC Chairman William Kennard argued that a delay had been requested by a large number of potential bidders. He says that an auction this year would not satisfy Communications Act requirements charging the FCC to conduct fair and efficient spectrum sales. Members of the House Commerce Subcommittee on Telecommunications had recently urged Kennard to delay the auction, fearing the September 2000 date would fail to maximize government revenue. Lawmakers said demand was clouded by

uncertainty over when the spectrum would actually become available. With the cost of digital television receivers still very high, problems with the 8VSB transmission system and little in the way of original high-definition programming, the US public is not enamored with digital television and sets are gathering dust on store shelves. The FCC cannot reallocate the spectrum now used for standard definition television until digital has reached an 85 percent penetration level in any given demographic market.
(FCC)

Blind Subscribers Update

Blind subscribers to government subsidized cassette magazines don't have access to commercial advertising in them do to U.S. postal regulations. WB2ZEI and the Sacramento Access News have changed all that for listeners to QST. Hear Hal this week on the web at: www.rainreport.com And via telephone at: (847) 827-RAIN
(RAIN Report)



Wheatstraw Amateur Radio Club

The club had a covered dish dinner at the Canadian shelter at Canton Lake. There was attendance of twelve but they were on the Ball.

The business meeting started a little after 2:30 and went until a little after 4:00 PM. Neal, N5KCO the president conducted the meeting. The minutes were read of the previous meeting by Joe Garland Sec & Treas. Minutes were approved as read.

Margaret, WA5RLP thanked the club for the memorial they sent to the Park View Medical Hospital at El Reno in memory of the late John F. Fish, K5GBN.

Margaret told the club the fortieth anniversary of the club is coming up after Christmas, asking the club what they thought of having Christmas and celebrate the anniversary at the same dinner. Margaret was asked, if she would like to make that in a form of a motion. The motion was made and seconded by WZ5H Leo. Motion carried. Neal, N5KCO asked, "Where are we going to have the dinner"? Margaret made a motion to have the dinner at the END 0 Main in Watonga. Bill, K5ALM, seconded the motion. Motion carried with request that Ralph, WA5PFFK to see about making the reservations. As of 9:30 Sept 18 the End 0 Main is reserved by Ralph. The total price is if you use the same plate when you go back for seconds the cost is \$9.22 tax and every thing included. When it is an individual group you do not get a clean plate each time you go back. If you do it will cost you another \$9.22. They charge by the clean plates used.

Any person interested in amateur radio who wishes to attend is welcome to come. Anyone wishing to come call 405-893 2660 and make reservations. If you can not get any one at that number, you may call me at 580 - 623 - 5421. Another way to

get your name in the pot is to check into the Wednesday nets on the ± 46.61 minus and then you have killed two birds with one stone as they say, Net is 9:00 on Wednesdays.

I had heard some time back that Justin, W5VR and Earl, KD5IPC did not get the C&E until after the meeting of Wheatstraw. So Ralph asked at the meeting why some one in the 405 calling area did not call them and tell them when and where the meeting will be. Neal N5KCO suggested we vote on three meetings at a time and publish them. Joe, WA5FLT is to let them know when and where the next meeting will be. Then from now on we can keep the three meeting going in the C&E.

The plans are to have a drawing at the dinner and the club will give a new 2-meter radio for the prize. No it will not be 2 meter Heathkit called the lunch box. Ha!

The October 8, meeting will be in Geary at the GEARY HOUSING AUTHORITY 329 Troxel drive. I think the best way for me to find it is at the street north of the old restaurant and motel that is closed up. Go west to the street going south turn left at the first street or east. It is a short dead end street and the building is on the north side of the street. Meeting starts at 2:30 PM.

Please do not forget Stu, K5DSR and others that are sick they need us all. Stu is in the Baptist Burn center room 311 Oklahoma City, Ok. 73112.

The November 12th meeting Leo made a motion we have it in El Reno, Ok. Seconded Bill K5ALM.

Motion carried. The exact location of the place will be printed next issue. And course you already know where the Dec. 10th dinner will be.

We need some where between 50 and 100 dinner guest. The 2001 year starts January 1st. Please pay your dues during or by the November meeting. It is just too hard for the treasurer to take our dues and the dinner monies at the same time. Also make your dinner reservations, bring a guest. To have a chance on the new radio there is no tickets to buy, but you must be present when you register for the dinner that puts your name in the drawing.

I wish to thank the twelve member present making so much progress and strong peaceful meeting I thought it was wonderful THANKS. Ralph WA5PFFK.

Living through the hard times back during the depression, I wanted to rewrite this story I read.

A Turkey For Elizabeth By Elizabeth Tanner

When I was ten years old and the Depression caused my parents a lot of hardships; we moved to another state and lived for a time on a relative's farm. Having been raised in a city, I was not very familiar with the wildlife there.

One day I was walking down the road and, to my delight, I saw what I thought was a wild turkey sitting on a limb of a big old tree. Since most of our meat was squirrel, rabbit or other wild game, or an old hen that quit laying, this really excited me.

I made a fast turn and ran back as fast as my bare feet could carry me, yelling "Papa, Papa, get the gun and come quick I There's a turkey in a tree down the road I"

As we hurried up the road, I visualized having a turkey to eat. My excitement was about to overcome me. I was praying that the turkey would not have flown away. Suddenly Papa looked at the bird, and then very kindly said, "Honey, I hate to disappoint you, but this is not a turkey. It is a big buzzard. But he does resemble a turkey somewhat, so don't feel so bad."

Papa just loved to tell this story, but with a twinkle in his eyes and a chuckle or two, so I never did mind. After the disappointment faded, I too had a good laugh.

CHANGING SEASONS by Lorna J. Metskas

September slips into October with autumn's golden grace. Wrapping rosy blanket around summer's waning face.

October meets November with lusty winds that stall As if to say in passing, "Goodbye to lovely fall."

November and December come Bringing holidays of love for families and loved ones to praise the LORD above.

The New Year will be upon us With its
cold and icy days, Melting into spring and
summer. In all its glorious ways.
Autumn comes around again, Another
season past And leaves within our hearts A
peace that will always last.

OUR KEEP~ By Letha Fuller

GOD must love the elderly, He keeps us
living so long. He keeps our hearts a-
ticking, And keeps us going strong.

He awakens us to sunny days, Helps us
through each sorrow, Walks with us
constantly, Gives us every bright
tomorrow.

What I do without him? He is my joy, my
song.

He keeps me safe from danger, Watches
me all day long.

He is my refuge and strength, My hope of
everlasting peace,
My joy day by day,
His blessings never cease

Thank You for all the blessings, You bring
to me day by day.
Thank You, for walking with me Along
life's uncertain way.

Ralph W5PFFK

Ham Radio and Scouting: JOTA connect to the world

And 2000 is a great year for your club to get involved in the largest Scouting activity in the World. October's Jamboree on the Air or JOTA offers Scouts the chance to participate in a global event, make new friends, have fun, learn about communications, and experience Scouting in other parts of the world at little or no cost. But the basic idea behind Jamboree on the Air is to let Scouts get in touch with other Scouts and Scouting Guides anywhere in the world by using Amateur Radio. Any club can participate simply by offering its services to a scout group on JOTA weekend. This year, that occurs on October 21st and 22nd, local time. For more information contact the Educational and Field Services Department at the American Radio Relay League or send e-mail to: jota@arrl.org
(ARRL, RSGB, Q-News)

Education: The VHF Academy

The Rochester VHF Group will be sponsoring VHF Academy 2000 on Saturday, November 11th. This all-day event is geared toward folks who are newly interested in the topic of VHF and above operation and want to learn more. The Academy will start at 9:00 AM, continue through noon, when a lunch will be provided, and end around 3:30 PM. Courses being taught include VHF and Above Signal Propagation Characteristics, Narrowband Amateur Satellite Operation, and a hands-on construction lab. VHF Academy 2000 is open to anyone, licensed or not, who is not presently a member of the Rochester VHF Group. Pre-registered Cadets will be eligible for a full-scholarship to the Academy if they register prior to the event. This does not include the cost of transportation. Registration for VHF Academy 2000 is simple. You can sign-up by visiting the clubs website at: vhfgroup.rochesterny.org
(W2EV)

Awards: Hudson Division names winners

Some awards to report. This years ARRL Hudson Division Ham of the Year is Phil Lewis, N2MUN. A resident of Lyndenhurst, New York, Lewis is current president of the Great South Bay Amateur Radio Club. He also serves as the New York City and Long Island ARRL Section Affiliated Club Coordinator. Lewis was cited for his work in introducing a large number of people to amateur radio through his efforts as chairman of Ham Radio University 2000 and has taken on the same job for Ham Radio University 2001 next January. This years Hudson Division Grand Ole Ham award went to John Burgio, W2JB. Burgio has been an active amateur for over 60 years since obtaining a class B license in 1936. He holds an Electrical Engineering degree from Lehigh University and worked for the FCC in the 40's, inspecting ship radios and transmitters. Lastly, the 2000 Hudson Division Technical Achievement award has gone to on Bob Wilson, N2DVQ. Bob is the Engineering Director for the Westchester Emergency Communications Association. He has held this position since 1989. The awards were presented at the Hudson Division Awards Dinner on Friday, September 15th.
(Hudson Loop)

International: Australia says yes to moonbounce

Turning to international news, the Australian Communications Authority has said yes to ham radio EME operations. But it won't be cheap for the VK hams wanting to bounce their signals off the moon. Q-News Graham Kemp, VK4BB, has the details: VK amateurs experimenting with moonbounce communications can once again apply for a permit to run more power. Experimenters wishing to obtain a permit should approach their nearest Australian Communications Authority office. Applications will be considered on a case by case basis. But be warned, you'll have to have more than just the 'thought' EME might be worth a run, as Bob VK2DN found when applying for a "High Power Permit" for EME experiments. ACA in a reply to VK2DN advised such items as RF exposure levels must not exceed those stipulated in document AS/NZS 2772.1 (Int): 1998. For transmitters that are likely to exceed the limits of the standard, the ACA requires that licensees of these transmitters must have the RF emissions of their installations measured by a "qualified person". In most instances this will be a laboratory accredited by the National Association of Testing Authorities (NATA) to measure electronic fields in accordance with AS 2772.2. If a NATA accredited laboratory is not used, the licensee must gain ACA approval of the person engaged to conduct the measurement. Any measurement will be at the licensee's cost. Station inspections to verify that the station has the appropriate equipment for EME communications, including steerable (azimuth and elevation) high gain antennas, etc. The amateur operator must also agree to the ACA conducting further inspections at any reasonable time, inspection will be charged to the amateur operator. From Q-News Australia, I'm Graham Kemp, VK4BB, reporting for Newline. The bottom line is that Australian hams can bounce their signals off the moon, but it come with a pretty high price.
(Q-News)



Aeronautical Center Amateur Radio Club

September Meeting highlights

The club is building a new repeater site at the Bridge Creek Fire station, located three miles south of highway 37 on Sarah road. John Brasfield, Mark Hamlin, Gene Kesinski, Paul Solheim Craig Hoelting, Brad Nelson, Ted Anderson, and Stan Bradley gathered to take down a 80' high Rohn tower given to the club for use at the sight. The next project is to concrete in the base, anchor the anchors and assemble the tower. Present plans are for 2 meters, 220, and two 440 repeaters with links to the aeronautical center's 146.85 machine. Future possibilities include digital voice recording and a commercial grade weather receiver with hold and forward capabilities of severe weather announcements.

The controller for 146.85 has been reprogrammed. The autopatch feature became inoperative and required rebooting the controller to clear program errors. Meeting announcements have been added along with voice announcement status of the repeaters controls.

The hf antenna rotor at the club station has been giving problems. Many of the members no longer considered the rotor to be reliable. The members voted to replace the present unit with a commercial grade heavy duty replacement. Stan Bradley is leading this effort.

146.85's power amp has problems with it's power control circuit which is keeping the power out low. The club members have not had time to repair it. The club voted to buy a replacement outboard amp to bring the power to 80 watts. When time permits, the original amp will be repaired. Stan Bradley is leading this effort.

The club plans to split the 146.85 transmit and receive antennas and add a rx preamp. The members voted to buy a used commercial grade 2 meter antenna for the purpose. Paul Solheim is leading this effort.

The club discussed changes to it's constitution at length. Stan Bradley is rewriting it and will bring to the October meeting for approval.

The club is seeking a new secretary/treasurer. Nomination and vote delayed until October's meeting.

General Information Concerning The Club
The Aeronautical Center Amateur Radio Club (AC ARC) has a long and proud history with the Mike Monroney Aeronautical Center as amateur radio station W5PAA. The club's well equipped amateur radio room is located adjacent it's meeting room in the ham club building on the center. The club repeater is a General Electric Master II commercial grade repeater controlled by a S-COM 7K controller connected to a 10dB gain antenna operating on 146.85 MHz. The Mike Monroney Aeronautical Center is located on the West side of the Will Rogers International Airport runway complex. The antenna is approximately 100 feet above the average terrain. The repeater effectively serves Southwest and central downtown OKC, and metropolitan areas.

The AC ARC meetings are held the first Thursday of the month at the club meeting room in the ham club building on the Aeronautical Center. The building is located at SW 66th St and Denning ave. Look for the HF antennas located south west of the Headquarters building. The meetings start at 07:30 PM. All amateurs and their spouses are invited. Teleconferencing the meeting over the 146.85 MHz club repeater is being experimented with to include those unable to attend. Simply check in to the meeting net on 146.85 MHz at 07:30 on meeting night to participate in this experiment. Please provide feedback on what works and what does not with this feature of the club meeting.

The 146.85 repeater is open for all to use. The club encourages use of the repeater as a calling repeater to contact other hams. Membership in the Aeronautical Center Amateur Radio Club is open to all amateurs. Only a few of the club officer positions are restricted to Aeronautical Center Employees as necessitated by accountability restrictions and requirements. The dues are 10 dollars per year. Memberships are sought from all

amateurs in the community to keep the club financially postured to support, promote and expand the AC ARC repeater network and equipment. Contact Bob Kremer WA9FCT @ 381-3182, Paul Solheim WB7QIN @ 381-3574 for membership. We hope to hear you on 146.85!

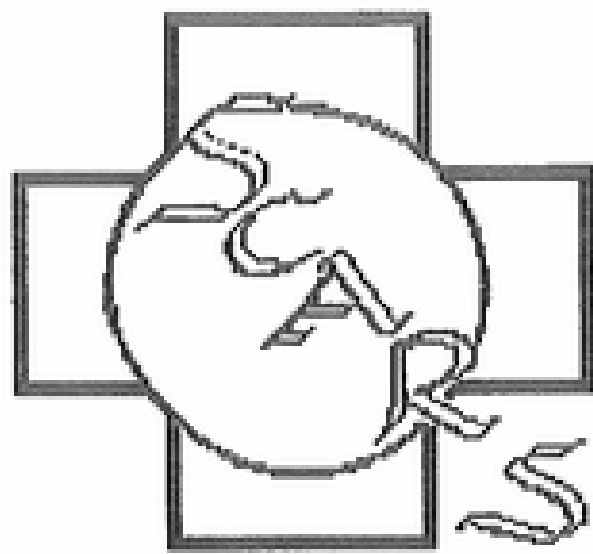


UK: Age limit restriction lifted

Youngsters under the age of 14 can now obtain unrestricted operating privileges in the United Kingdom. This as the nations Radiocommunications Agency says yes to abandoning age restrictions that have kept some young people off the air. Jeramy Boot, G4NJH, has more: After recent discussions with the RSGB, it was agreed that the 14 year age restriction to obtain a Full Amateur Radio Licence, should be completely removed. To be eligible previously you had to be 14 years of age or over, or to have held a Novice licence for a least a year. This initiative is part of the ongoing process to refine and improve access and facilities for amateurs. Both parties felt that, in view of the increasing technical and operational ability of youngsters today, this restriction was a particular anomaly which ought to be discarded, recognizing that those talented youngsters should be actively encouraged and nurtured. Jeramy Boot, G4NJH. The thinking among radio regulators in the UK appears to be that if you are good and keen enough, you are old enough to be on the air.

(G4NJH, RSGB)





South Canadian Amateur Radio Society

Norman, OK

The September meeting was called to order by VP Ed, N3US. President Tom KD5ENL took the day off from Ham Radio so we'll have to hold up his bonus for this quarter. There was an introduction of those attending and we had over 30.

Ken N5BEW gave the repeater report and it appears the receiver may be down a little. He will do some checking and tweaking when he can get a chance. The UHF antenna is still scheduled for re-orienting on the tower and that will be done as soon as possible also.

Brett, WA5NWS reported that the OU club would have a meeting place soon at Wilson Center on the campus. Hope they can build up the chapter again this fall. Bill KD5DOB gave the CORA report and stated that Ham Holiday was a success as written up in the C&E.

Fred N5HZX called for volunteers and help for the Boy Scouts Jamboree on the Air next month. We'll set up some stations in Reeves Park and hope to involve as many local scouts as we can. The club voted to donate \$75 to procure the site, which unfortunately is no longer free.

Jeff KT5OK gave the treasurers report and we are still in good shape.

The members were reminded of the Route 66 Special Event this week and were encouraged to work as many of the sites as possible.

Ed adjourned the meeting shortly after 10 AM.

73 de Bill, N5UMH

Ham Operator Receives Award from the Norman Weather Service Forecast Office

Representatives from the National Weather Service Forecast Offices in Norman and Amarillo and the American Radio Relay League recently presented an award of appreciation to Othello C. Elfers, of Logan, for his 31 years of volunteer service as an amateur radio operator.

Since 1973, Elfers has been network manager of the Oklahoma Traffic and Weather Network, which he help start in 1969. He provides informal daily weather information logging the Monday through Saturday 5 p.m. weather conditions and sends the reports to the National Weather Service in Norman by telephone.

"OC exemplifies a long history of cooperation between the amateur radio operators and the National Weather Service," said Jim Purpura, interim meteorologist in charge of the National Weather Service Norman Forecast Office. "We couldn't do our job without their reports and spotter information."

"Othello's service truly exceeds that of most volunteers," said Jose Garcia, warning coordination meteorologist with the National Weather Service Amarillo Forecast Office. "He has offered both his time and personal expenditures to ensure that this data is relayed across the state of Oklahoma."

"Sometimes an individual's devotion to weather conditions is unique, Othello Elfers is that person," said Raymond Miller, retired assistant director of the West Gulf Division of the American Radio Relay League. "In my 50 years as an amateur operator, I know of no one that has served with such devotion for so long," Miller said.

OUARC to Offer Amateur Classes

Once again this January 2001, The OU Amateur Radio Club (OUARC) and the South Canadian Amateur Radio Society (SCARS) will begin our free classes for the "no-code" Technician Amateur (Ham) Radio License.

Classes will be on Monday nights, from 7 PM - 9 PM, January 22 - March 12, 2001. In other words, classes start the first Monday after OU starts and finish the Monday before OU's Spring Break. For

the calendar-challenged :-), classes will be on:

1. Jan 22, 2001
2. Jan 29, 2001
3. Feb 5, 2001
4. Feb 12, 2001
5. Feb 19, 2001
6. Feb 26, 2001
7. Mar 5, 2001
8. Mar 12, 2001

The last week, Week 8, will be the night the FCC tests are actually administered by the Norman/SCARS ARRL VE team.

Thanks to Jim Purpura, KB5YHT with the National Weather Service and Chris Grant with the NWS NEXRAD OSF, we will again be able to use their conference room for the classes. More information is available at the following web site:

<http://geowww.ou.edu/~jahern/class/>

Please do everything you can to spread the word. In order for me to order enough textbooks, please ask students to email me or call me.

73,
Jud, W5JA
jahern@ou.edu

Space and Science: New US Weather Sat

Closer to home, U.S. weather and space officials have unveiled a new satellite that will allow scientists to better chart environmental changes, study what triggers disasters such as tornadoes, and help searchers rescue lost ships and aircraft. The NOAA-L is the second in a new series of five satellites is scheduled to be launched on September 20th. NOAA-L's orbital pattern will allow it to map the Earth twice each day, and the area near each polar cap more than a dozen times. The data will give researchers more detailed measurements of temperatures, ozone and cloud images. The spacecraft also comes equipped with search and rescue capabilities to help find missing ships, aircraft and people. Once a person sends an emergency call skyward, the satellite relays for a rescue crew. NOAA officials estimated that satellites saved about 300 U.S. lives last year.

(NASA Press release)

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- Complete and file one copy of this form with your postmaster annually on or before October 1. Keep a copy of the completed form for your records.
- In cases where the stockholder or security holder is a trustee, include in items 10 and 11 the name of the person or corporation for whom the trustee is acting. Also include the names and addresses of individuals who are stockholders who own or hold 1 percent or more of the total amount of bonds, mortgages, or other securities of the publishing corporation. In item 11, if none, check box. Use blank sheets if more space is required.
- Be sure to furnish all circulation information called for in item 15. Free circulation must be shown in items 15d, e, and f.
- Item 15h. Copies not Distributed. must include (1) newspaper copies originally stated on Form 3541, and returned to the publisher, (2) estimated returns from news agents, and (3), copies for office use, leftovers, spoiled, and all other copies not distributed.
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- In item 16, indicate the date of the issue in which this Statement of Ownership will be published.
- Item 17 must be signed.

Failure to file or publish a statement of ownership may lead to suspension of Periodicals authorization.

PS Form 3526, October 1999 (Reverse)

Up Coming Events

October 7, 2000 MO. Warrensburg Hamfest 2000

8A - 1P at the American Legion Post 131 (on Business 50 Hwy East) No Admission! Commercial Vendors/Swap Tables Contact Denise Haye (N0PVZ) or call 816-697-3426 or Write: Hamfest Committee; WAARCI; P.O. Box 1364; Warrensburg, MO 64039

November 4, 2000 OK, Enid EARC sponsoring a Hamfest at the Garfield Co. Fairgrounds. Call Club officers for more information.

November 4, 2000 OK, Altus AAARA sponsoring a hamfest in the Altus area. Call club officers for more information.

ANNOUNCEMENTS

VE exams on 3rd Monday of each month sponsored by C.O.R.A. @ Salvation Army HQ at NW 50th and N. Penn, Oklahoma City at 6 PM local time. Doors will be locked at 6:30.

VE exams on 3rd Saturday of each month are held at 9:00 a.m. at Southern Temple Baptist Church, 1821 S High, OKC. Talk in on 146.76 MHz. For more information you can contact Clarence Warstler, KB51BY @ 632-3545.

VE Exams are held on the first Saturday of each month, at the Church of Christ, 811 N. 4th St., Broken Arrow. Starts at 9:30 AM and lasts until everyone is finished. New hams and upgrades are welcome.

VE exams on 2nd Saturday of each month are held at 10:00 A.M. after the SCARS meeting at the American Red Cross in on Westheimer Airport in Norman. Contact Jim Copeland, NWOK at 329-1681 or e-mail jimhelps@juno.com for more

information.

VE exams on 4th Tuesday of even months are held at 6:30 p.m. at the Altus Vo-Tech in Altus, OK. Contact George Mateyo, N1GM for details.

VE exams on the 1st Tuesday of the month sponsored by the Stillwater ARC at 7:30 P.M. at the Red Cross Building, 505 S. Main. Contact Mike Crane, KC5GJN @ kc5gjn@hamsnet.net

VE exams in Enid are done on odd months starting with the month of January. On the 2nd Saturday at 10:00 AM at the Oklahoma Natural Gas Co located at the corner of HY412 & Garland Rd., across east from Atwoods store. The testing is PREREGISTER ONLY. Contact Dick NJ5S 580-233-9869

On the Air

Listings of Nets on local, repeaters or sponsored by CORA members:

ARES - Oklahoma County Thursday @ 8:00 p.m. on 146.22/82.

6 meter check in 52.525 Mhz simplex

Packet check-in on 145.07

SW Oklahoma - Thursday @ 7:00 p.m. on 146.31/91.

North Central Oklahoma meets on the first and third Monday of the month at 7:30pm on the 147.150 rep

Salvation Army -

Second Saturday of the month at 8:00

a.m. on 146.22/82.

HF 3941kHz - AMTOR @ 8:30 a.m. 14.064MHz

OKC Swap-n-Shop - Saturday @ 10:00 a.m. on 146.22/82.

Geritol - Daily @ 8:00 a.m. on 145.41 minus input.

Edmond Info - Monday @ 8:00 p.m. on 147.135/735.

Enid Amateur Radio Club Monday

Night Net Monday @ 8-00 p.m. on 147.150MHz.

W5HXL Memorial Net - Thursday @ 7:00 p.m. on 145.41 minus input.

QCWA Chp 63 HF - Sunday @ 8:00 on 3855.0 kHz USB

Wheatstraw - Wednesday @ 9:00 p.m. on 146.01 / .61

Purcell - Monday @ 8:00 on 145.19 minus input.

Cimmaron - Tuesday @ 9:00 p.m. on 145.45 minus input.

YL Net - Tuesday @ 8:00 p.m. on 147.09 plus

Oklahoma Training Net - Daily @ 5:30 P. M. on 7120 kHz (CW Net)

T-SARG NW OK - Friday @ 9:30 p.m. on 147.36+ with an 88.5

Emergency Comms: Napa Earthquake
Ham radio sprang into action on Sunday, September 3rd. This after a 5.2 magnitude earthquake jolted the heart of Northern California's wine country injuring more than 25 people, knocking out windows, breaking gas and water mains, and shutting down power to about half of Napa county.

According to the United States Geological Survey in Menlo Park the quake hit at 1:36 AM about 6 miles northwest of Napa and 6 miles northeast of Sonoma, near the small town of Yountville. The shaking woke people as far south as San Francisco, some 50 miles away.

While there was no total loss of telephone or cellular service, some parts of the county did lose electrical power. About 6,000 families were still without power three hours after the quake. According to news reports, radio amateurs and other volunteers provided supplemental communications to post quake damage survey crews and other agencies.
(Newsline from area news reports)

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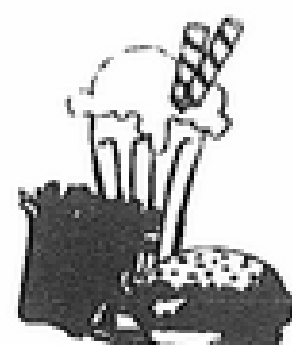
James H. Nolen, EA, ATA, ATP

DEL CITY
4700 E. Reno
Del City, OK 73117
(405) 677-6026
FAX (405) 677-7023

SOUTHWEST
2717 SW 44th
Okla. City, OK 73119
(405) 682-0481
Fax (405) 682-0481

MUSTANG
400 W. Highway 152
Mustang, OK 73084
(405) 376-2848
Fax (405) 376-2848

NSWNL
GLYNN MASSEY



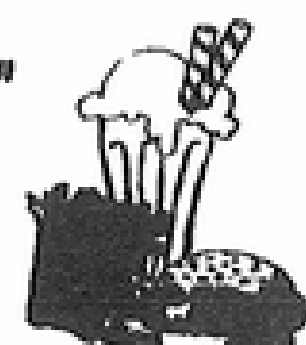
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KCSVZB
JAN MASSEY



October 01 - November 11, 2000

Weekly Planner

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
October 1	October 2	October 3	October 4	October 5	October 6	October 7
			7:00 PM Aeronautical Center ARC			9:00 AM Ada ARC
October 8	October 9	October 10	October 11	October 12	October 13	October 14
2:30 PM Wheelstraw ARC			11:00 AM Oklahoma VHF ARC	7:00 PM Altus Area ARA 7:00 PM Tri State ARG		9:30 AM South Canadian ARS 10:00 AM Enid ARC VE Exams 10:00 AM SCARS VE Exams
October 15	October 16	October 17	October 18	October 19	October 20	October 21
	6:00 PM CORA VE Exams 7:00 PM Choctaw ARC	7:30 PM Oklahoma City Autopatch				9:00 AM VE Exam SBC
October 22	October 23	October 24	October 25	October 26	October 27	October 28
		6:30 PM Altus VE Exams 7:30 PM Central Oklahoma Radio Amateurs		7:00 PM Enid ARC	5:00 PM C&E Deadline	
October 29	October 30	October 31	November 1	November 2	November 3	November 4
				7:00 PM Aeronautical Center ARC		9:00 AM Ada ARC
November 5	November 6	November 7	November 8	November 9	November 10	November 11
			11:00 AM Oklahoma VHF ARC	7:00 PM Altus Area ARA 7:00 PM Tri State ARG		9:30 AM South Canadian ARS 10:00 AM Enid ARC VE Exams 10:00 AM SCARS VE Exams

September

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

October

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

November

S	M	T	W	T	F	S
		1	2	3	4	
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

December

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						